

CHAPTER 01

Electrical cables

AMC · OCEANFLEX



IN THIS CHAPTER

- Oceanflex tinned copper cable
- Single, twin & multi-core
- Battery & ISO 13297 cable
- Arctic-T low temperature
- Corronex LR
- Terminals & heat shrink
- Fusing & distribution
- Full accessories range

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AMC & Oceanflex cable

AUTO MARINE CABLES LTD · MANUFACTURED IN THE UNITED KINGDOM FOR OVER SIX DECADES · UL APPROVED SUPPLIER

MADE IN THE UK — AND MADE TO ORDER

Twelve cable families, one manufacturer

AMC **OCEANFLEX**



Trusted by clients and distribution networks for over six decades, AMC manufactures cables of the very highest quality to energise and power projects across the globe, from land to sea. As well as the listed range, AMC makes to order — bespoke lengths, special colours, any combination of bi-colour stripe, and multi-core combinations not usually available. A client could specify a 5 core with each core a different mm² to suit a particular application.

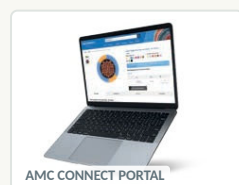
All AMC extra low voltage cables are compliant with and tested to **ISO 6722** and **ISO 19642**, the internationally recognised standards that define conductor size, insulation thickness and test methods. Test reports **59834 / 59836 / 60587** cover the thin wall range.

Family	Construction	Temperature range	Standard	Signature application
a Thin Wall	Plain copper, thin wall PVC, single and multi-core	-40°C to 105°C, excursions to 120°C	ISO 6722-1:2011 class B	Harness and panel wiring, lighting circuits
Classic PVC	Plain copper, standard wall PVC	-30°C to 70°C	BS6862 Part 1 1971	Replacement wiring for pre-1995 looms
Battery Flex	Plain stranded copper, PVC insulated	-30°C to 70°C	BS EN 60228:2005	Battery connections, starter and earth leads
b Oceanflex Tinned	Tinned copper, thin wall PVC, single and multi-core	-40°C to 105°C singles · -30°C to 70°C multi	ISO 6722-1:2011 class B	Vessel DC wiring, marine harnesses
Oceanflex Battery	Tinned copper, extra flexible, PVC insulated	-30°C to 70°C	ISO 6722-1:2011 class A	Battery banks, thrusters, windlasses
Oceanflex YAC	Tinned copper, yellow PVC battery cable, 300v DC	-15°C to 70°C	ISO 13297	DC negative aboard mixed AC/DC craft
c Arctic-T	Tinned copper, low-temperature PVC, rugged jacket	Flexible to -40°C	BS6004	Shore power, cold store, sub-zero sites
d Corronex LR	Tinned class 5 copper, EPR insulation, HFFR sheath	-40°C to +90°C	Lloyd's Register, IEC 60092-353	Critical power, navigation and comms
e Tri-Rated	Flexible class 5 copper, heat-resistant PVC	-15°C to +90°C	BS 6231 / UL 758 / CSA 22.2	Control panels, switchgear, distribution
Low Smoke (LSZH)	Copper, low-smoke zero-halogen thermoplastic	Rated to 105°C	IEC 60332-1-2	Public buildings, tunnels, data centres
Batt-Weld	Tinned copper (orange), butyl rubber, rubber sheath	Rubber sheath rated 85°C	BS EN 60228	Welding sets and battery banks to 600V
Earth-Bond	Tinned copper braid, round configuration	Bare braid	BS EN 13602:2002	Bonding, grounding and EMI control

AMC CONNECT

Ordering, quotes and reorder history online

AMC **OCEANFLEX**



AMC Connect is the manufacturer's online trade portal, designed to simplify and streamline the way cables and accessories are ordered. **24/7 access** through a secure trade login · **user-friendly design** with a clean, intuitive interface · **quick reordering** from a personalised order history · **custom order lists** for frequently ordered items · **accurate ordering** with pre-loaded product details, product search, browsing and CSV uploads · **instant quotes** built without committing to an order.

Contact route	Detail	Use it for
Orders	+44 (0)1204 575 234 · orders@amc-tcg.com	Stock orders, reels, cut lengths, accessories
Sales	sales@amc-tcg.com	Make-to-order specifications, bespoke colours and cores
Marketing	marketing@amc-tcg.com	Literature, data sheets and product images

AMC cable & Cable selection

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AMC CONNECT

Ordering, quotes and order history online (continued)

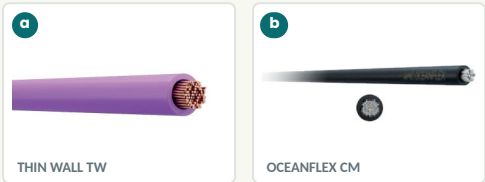
AMC **OCEANFLEX**

Contact route	Detail	Use it for
Fax	+44 (0)1204 861 740	Written purchase orders
Works	Unit 32-33 Oakhill Trading Estate, Devonshire Road, Worsley M28 3PT, United Kingdom	Factory collections and bulk drum despatch

PLAIN OR TINNED

Thin Wall and Oceanflex – matching sizes across the two ranges

AMC **OCEANFLEX**



The Thin Wall and Oceanflex ranges share the same conductor specifications and current ratings; the difference is the tinning on the conductor and the slightly larger overall diameter that follows from it. Where a run is exposed to salt, spray, condensation or bilge water, order the Oceanflex part; inland, in a dry enclosure, the plain-copper Thin Wall part is the same electrically.

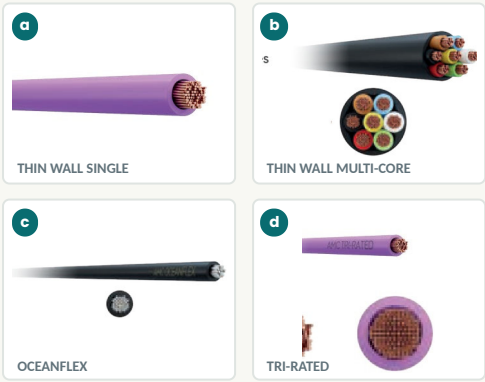
Conductor spec (mm)	Section (mm²)	Current (Amps)	Thin Wall part	Thin Wall OD (mm)	Oceanflex part	Oceanflex OD (mm)
32/0.20	1.0	16.5	a TW1.0	1.95	b CM1.0	2.1
21/0.30	1.5	21.0	a TW1.5	2.30	b CM1.5	2.4
35/0.30	2.5	29.0	a TW2.5	2.75	b CM2.5	3.0
56/0.30	4.0	39.0	a TW4.0	3.50	b CM4.0	3.7
84/0.30	6.0	50.0	a TW6.0	4.10	b CM6.0	4.3
80/0.40	10.0	70.0	a TW10.0	5.60	b CM10.0	6.0

Oceanflex is available only in the six sizes above as a single core; the Thin Wall range extends down to 0.35 mm² and up to 25.0 mm². For heavier tinned conductors, move to the Oceanflex battery cable range (16 mm² to 120 mm²).

SPECIFICATION SUMMARY

Sections and reel options by range

AMC **OCEANFLEX**



The table below is the quickest route into the chapter: find the cross-section band the circuit needs, then turn to the family page for the complete size table, current ratings, overall diameters, colours and reel options.

Range	Cross sections offered (mm²)	Cores	Standard reel options (Metres)
a Thin Wall single core	0.35 – 25.0	1	10, 30, 50, 100, 300, 500 plus box and barrel pack
b Thin Wall multi-core	0.5 – 4.5 per core	2, 3, 4, 5, 7, 8, 10, 12, 13	10, 30, 50, 100, 500
Classic PVC	0.5 – 4.5 per core	1, 2, 3, 4, 5, 7	30, 50, 100
Battery Flex	25 – 60	1	10, 30, 50, 100
PVC extra flexible	16 – 150	1	10, 30, 50, 100
c Oceanflex tinned	0.5 – 10.0 per core	1, 2, 3, 5, 7, 8, 10, 13	30, 50, 100, 500
Oceanflex battery	16 – 120	1	10, 30, 50, 100
Oceanflex YAC	16 – 95	1	10, 30, 50

Selecting the right AMC cable (continued)

CROSS SECTIONS, CORE COUNTS, REEL OPTIONS AND PACKAGING ACROSS EVERY RANGE · DATA SHEETS AT AMC-TCG.COM

SPECIFICATION SUMMARY

Sections and reel options by range (continued — figures a–d on the previous page)

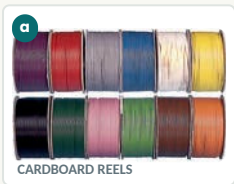
AMC OCEANFLEX

Range	Cross sections offered (mm ²)	Cores	Standard reel options (Metres)
Arctic-T	1 – 6	3	30, 50, 100, 500
Corronex LR	1 – 35	1	30, 50, 100, 500
d Tri-Rated	0.5 – 35	1	10/30/50/100/ 250/500m reels, barrel and box pack
Low Smoke	1 – 16	1	100
Batt-Weld	16 – 70	1	100
Earth-Bond braid	19 and 37	1	10, 30
Speaker twin	0.35 – 1.5 per core	2	30, 100, 500
Ignition (HT)	0.65 and 1.5	1	30, 100

PACKAGING OPTIONS

Reels, box pack, barrels and bulk drums

AMC OCEANFLEX



CARDBOARD REELS



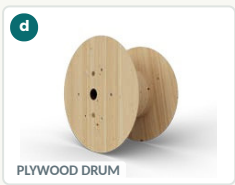
BOX PACK

The majority of cables manufactured by AMC are supplied on **cardboard reels**, which can be recycled once empty. Volume users of single core cables can take **Box Pack**: no expensive de-reeling equipment is required, the box is simply placed where it is needed and the cable drawn straight from it, resulting in less downtime in production when compared to using reels. Available across the Thin Wall and Tri-Rated cable ranges.

On heavier cables and longer lengths, plywood **bulk drums** are available — these vary in size depending on the cable cross section and length, and requirements can be supplied on **600mm and 750mm drums**. Bulk drums are popular with high volume customers to reduce wastage on longer length applications. AMC also provide high capacity **fibre barrels** with sealable plastic lids, perfect for environments in which high volume manufacturing is a priority; the barrels can be purchased with the cable, or returned to AMC and refunded.



FIBRE BARREL



PLYWOOD DRUM

Pack format	Capacity	Dimensions	Handling	Available on
a Cardboard reel	Listed reel sizes per cable	Varies with cross section	Recyclable once empty	All cable ranges
b Half box pack	Long lengths, up to 3,000 metres	H260 x W390 x D390 mm	Under 25 kilos, parcel carrier	Thin Wall, Tri-Rated
b Standard box pack	Up to 6,000 metres	H500 x W390 x D390 mm	Under 50 kilos, two-person lift	Thin Wall, Tri-Rated
c Fibre barrel	High volume, up to 10,000m	Sealable plastic lid, returnable	Refunded on return to AMC	Thin Wall, Tri-Rated
d Plywood bulk drum	Long lengths, heavy cables	600mm and 750mm drums	Reduces wastage on long runs	All cable ranges

In some instances, bulk shipments are subject to carriage costs; please see terms and conditions for details.

END OF PRODUCT LIFE

Safe disposal of AMC products and packaging

AMC OCEANFLEX



CABLE PRODUCTION

AMC expect their product to give many years of trouble-free service, but a time will come for replacement. **Cable** — for large quantities, contact a local licensed scrap metal dealer; copper is valuable and the company will be able to separate it from the PVC insulation and recycle that too. For small quantities, visit a local recycling centre and recycle with other small electricals.

Accessories and components should be recycled with other electricals. Never dispose of AMC products with other general or landfill waste streams. If you are not based in the UK, please ensure that you comply with applicable local and/or national legislation.

Packaging material	Recycle with
Cardboard boxes, pack-fill and reel flanges	Any other card or paper-based products
Plastic film, pallet wrap and bubble wrap	Other non-rigid plastics
Plywood reels	Other waste timber
Tin tubes forming the centre of smaller cable reels	Other scrap metal

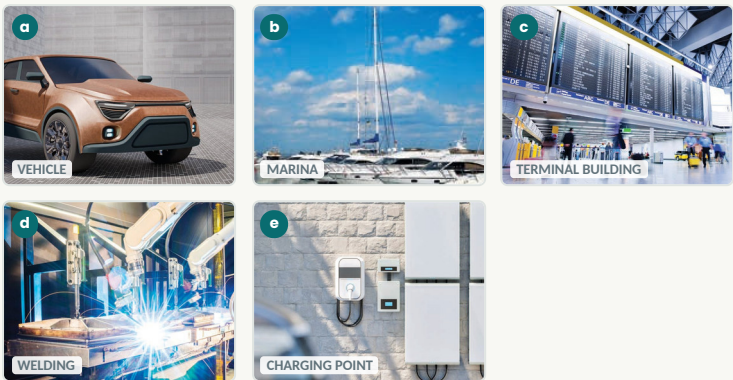
Where AMC cable is specified

FIVE RANGES · LAND, SEA, INDUSTRY, SPECIALITY AND ASSEMBLY · THE CIRCUITS AND ENVIRONMENTS EACH IS BUILT FOR

APPLICATION LISTS

The circuits each range is built for

AMC **OCEANFLEX**



The AMC catalogue is organised into five ranges. Each was developed for a set of circuits, and the lists below are those the manufacturer names for each. Where a circuit appears under more than one range, choose on the environment: tinned copper for salt and moisture, low-temperature PVC for sub-zero, LSZH or HFFR where fire behaviour in an occupied space is the driver.

Range	Circuits and equipment named by AMC
a Thin Wall & Classic	Vehicle wiring (not harnesses), caravans and motorhomes, heavy industrial equipment, lighting and signalling systems, engine and instrument panels, lighting circuits, low-voltage circuits for power distribution, signal transmission, harness wiring, harness wiring (pre 1995), sensors and actuators, trailer and towing, engine management, audio and entertainment systems, ignition systems, battery power, auxiliary equipment, battery banks, control panels, agricultural equipment, inverters, lighting and sensors, material handling, transport systems
b Oceanflex marine	Navigation and communication equipment, engine rooms and enclosed areas, temporary power systems, caravans and motorhomes, cold-storage facilities, lighting circuits, steering (marine), motor boats, battery banks, battery power (negative only), harness wiring, RV/caravan hook up, navigation lights, shore power cable, marine wiring, heavy industrial equipment, inverters, material handling, hazardous environments, emergency lighting, lighting and sensors, auxiliary equipment, engine management, audio and entertainment systems, bilge pumps, starter systems negative DC, switchgear and switchboards, submersible pumps
c Industrial	Public buildings, control and plant rooms, control panels, halogen-free environments, low toxicity performance, data centres, tunnels and enclosed walkways, switchgear and switchboards, instrumentation wiring, distribution boards and cabinets, industrial automation, robotics, telecommunications, appliances, audio and entertainment systems, extractor fan, security systems, sensors and actuators, starter systems
d Speciality	Transport systems, control panels, audio and entertainment systems, appliances, auxiliary equipment, battery banks, ignition systems, lighting and sensors, robotics, security systems, RV and solar power installations, welding and repair, booster/jumper cables, hazardous environments, industrial automation, distribution boards and cabinets, inverters, switchgear and switchboards, earth bonding
e Assembly	Starting systems, marine power, renewable energy storage, UPS and data centres, industrial mobility equipment, electrical safety bonding, lightning protection, industrial equipment earthing, temporary site installations

SECTOR MATRIX

Which range for which environment

AMC **OCEANFLEX**



Reading across, each range answers a different environmental question. The electrical specification is often identical between two ranges; what separates them is what the cable has to survive.

Environment	Specify	Because
a Dry, enclosed, ambient	Thin Wall / Classic PVC	Lightest and smallest for the current carried
b Salt, spray, condensation, bilge	Oceanflex tinned / Oceanflex battery	Tinned conductors resist the corrosion that ends bare-copper joints
c Mixed AC and DC aboard	Oceanflex YAC	ISO 13297 requires yellow for the DC negative
d Sub-zero, cold store, winter site	Arctic-T	Low-temperature PVC stays flexible where standard PVC goes brittle

Applications & Thin Wall single core

AUTO-TW · ISO 6722-1:2011 CLASS B · 16 CROSS SECTIONS FROM 0.35 MM² TO 25.0 MM² · 60V DC MAX

SECTOR MATRIX

Which range for which environment (continued – figures a–h on the previous page)

AMC OCEANFLEX

Environment	Specify	Because
e Classed vessel, offshore	Corronex LR	Lloyd's Register approval and halogen-free flame retardance
f Panel, switchgear, export build	Tri-Rated	One cable satisfies BS, UL and CSA
g Occupied enclosed public space	Low Smoke (LSZH)	Minimal smoke and no halogen gases during evacuation
h High amperage, flexing, welding	Batt-Weld	Fine strand butyl rubber cable rated to 600V

HIGH-PERFORMANCE ELV CABLE

Overview, standards and compliance

AMC OCEANFLEX



AMC Thin Wall cables are designed for low-voltage electrical systems where reliability, space efficiency and environmental resistance are critical. Suitable for marine, commercial vehicle and specialist equipment applications, they combine robust electrical performance with reduced weight and improved flexibility. Reduced insulation gives considerable savings in weight and volume, especially in large wiring harnesses.

Single cores are manufactured to **ISO 6722-1:2011 (Class B) 105°C** with plain copper conductors to **BS EN 60228:2005**, PVC insulated. Twins and multi-cores are PVC sheathed at 70°C and designed in accordance with **ISO 19642-7:2019**. Suitable for 12v or 24v systems, maximum voltage 60v.

Parameter	Specification	Property	Value
Voltage rating	60V DC max	BS Softness	60–65
Operating temperature	-40°C to +105°C	Shore A Hardness	64–66
Short-term temperature	Up to +120°C	Insulation	PVC, abrasion and cut-through resistant
Minimum bend radius	< 6 × overall diameter	Single core standard	ISO 6722-1:2011 (Class B)
Test reports	59834 / 59836 / 60587	Multi-core standard	ISO 19642-7:2019

Chemical resistance: the PVC sheath gives excellent resistance to engine oil, engine coolant, salt water and windscreen washer fluid, and to petrol, diesel, lubricating oils and diluted acids. Designed for long service life in engine bay and exposed environments. End-of-life disposal in accordance with WEEE regulations.

BOX PACK LENGTHS

Thin Wall single core – volume packaging

AMC OCEANFLEX



High temperature thin wall low voltage wiring cables specified as standard by manufacturers throughout Europe. This cable can be manufactured to special requirements including special colours, any combination of bi-colour stripe, and combinations of multi-cores not usually available. Visit the AMC website or contact the Sales Team for a full list of available colours.

The box pack lengths below are the volume packaging option for each single core size. Long lengths up to 6,000 metres keep production waste to a minimum; each half box weighs less than 25 kilos when full and can be despatched by parcel carrier.

Part No	Conductor specification (mm)	Cross section (mm ²)	Nominal current rating (Amps)	Half box pack length (m)	Standard box pack length (m)
TW.35	12/0.20	0.35	7.0	3000	6000
TW.5	16/0.20	0.5	11.0	2500	5000
TW.75	24/0.20	0.75	14.0	2500	5000
TW1.0	32/0.20	1.0	16.5	1750	3500
TW1.5	21/0.30	1.5	21.0	1250	2500
TW2.0	28/0.30	2.0	25.0	1000	2000
TW2.5	35/0.30	2.5	29.0	750	1500
TW3.0	44/0.30	3.0	33.0	625	1250
TW4.0	56/0.30	4.0	39.0	500	1000

Thin Wall single core cables (continued)

AUTO-TW · ISO 6722-1:2011 CLASS B · 16 CROSS SECTIONS FROM 0.35 MM² TO 25.0 MM² · 60V DC MAX

BOX PACK LENGTHS

Thin Wall single core volume packaging (continued)

AMC **OCEANFLEX**

Part No	Conductor specification (mm)	Cross section (mm ²)	Nominal current rating (Amps)	Half box pack length (m)	Standard box pack length (m)
TW4.5	65/0.30	4.5	42.0	400	800
TW6.0	84/0.30	6.0	50.0	300	600

The conductor specifications shown are representative configurations; actual cable strand may differ slightly but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only and can vary depending on application, conditions and environmental factors. If in doubt, consult a qualified electrician.

ISO 6722-1:2011 CLASS B

Thin Wall single core – complete size table

AMC **OCEANFLEX**



AUTO-TW SINGLE CORE

The full single core range. Maximum loading in watts is given at both 12 volts and 24 volts, and maximum resistance per metre at 20°C is the figure to work from when sizing a run for volt drop. Reel sizes are the stock lengths; box pack and barrel pack are available on this range for volume users.

Single core cables are available in the following colours: (R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE. Any combination of two of the above colours can be made available upon request.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Maximum loading (Watts)		Max resistance per metre at 20°C (Ohms)	Reel sizes (Metres)
					12 Volts	24 Volts		
TW.35	12/0.20	0.35	1.40	7.0	84	168	0.0544	500
TW.5	16/0.20	0.5	1.60	11.0	132	264	0.0371	50, 100, 500
TW.75	24/0.20	0.75	1.75	14.0	168	336	0.0247	50, 100, 500
TW1.0	32/0.20	1.0	1.95	16.5	198	396	0.0185	30, 50, 100, 500
TW1.5	21/0.30	1.5	2.30	21.0	252	504	0.0127	50, 100, 500
TW2.0	28/0.30	2.0	2.55	25.0	300	600	0.00942	30, 50, 100, 500
TW2.5	35/0.30	2.5	2.75	29.0	348	696	0.00760	50, 100, 300
TW3.0	44/0.30	3.0	3.20	33.0	396	792	0.00615	30, 100, 300
TW4.0	56/0.30	4.0	3.50	39.0	468	936	0.00471	30, 100, 300
TW4.5	65/0.30	4.5	3.90	42.0	504	1008	0.00406	30, 100, 300
TW6.0	84/0.30	6.0	4.10	50.0	600	1200	0.00314	30, 100, 300
TW7.0	97/0.30	7.0	5.05	57.0	684	1368	0.00279	30, 100
TW8.5	120/0.30	8.5	5.50	63.0	756	1512	0.00220	30, 100
TW10.0	80/0.40	10.0	5.60	70.0	840	1680	0.00182	30, 100
TW16.0	126/0.40	16.0	7.30	110.0	1320	2640	0.00116	10, 30, 100
TW25.0	196/0.40	25.0	8.45	170.0	2040	4080	0.000743	10, 30, 100

COLOUR CODE

Colour abbreviations used on every AMC order

AMC **OCEANFLEX**



COLOUR MASTERBATCH

Order a single core by part number plus colour letter — for example **TW2.5 R** for 2.5 mm² red. Bi-colour stripes are written as the base colour followed by the trace, for example **TW1.0 NU** for brown with a blue trace. Any combination of two of the twelve listed colours can be made available on request; minimum order quantities may apply.

Colour	Code	Colour	Code	Colour	Code	Colour	Code
Black	B	Blue	U	Brown	N	Green	G
Grey (slate)	S	Light Green	LG	Orange	O	Pink	K
Purple	P	Red	R	White	W	Yellow	Y

Thin Wall multi-core cables

FLAT AND ROUND TWINS, 3 TO 13 CORE · ISO 19642-7:2019 · PVC SHEATHED AT 70°C · ANY COLOUR TO ORDER

FLAT TWINS

Thin Wall 2 core cables (flat twins)

AMC **OCEANFLEX**



Flat twin construction keeps the overall profile low where cable is run under trim, along a stringer or through a tight conduit. Please refer to single core for resistance values. The cores and sheaths can be produced in any colour; minimum order quantities may apply. See the Thin Wall overview for full specifications.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall dimensions (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
TW02/06	2 × 16/0.20	2 × 0.5	2.7 × 4.6	11.0	Black	Black, Red	30, 100
TW02/04	2 × 24/0.20	2 × 0.75	3.1 × 4.9	14.0	Black		30, 100
TW02/01	2 × 32/0.20	2 × 1.0	3.0 × 5.0	16.5	Black		30, 50, 100, 500
TW02/05	2 × 21/0.30	2 × 1.5	3.5 × 5.8	21.0	Black		30, 100
TW02/02	2 × 28/0.30	2 × 2.0	3.9 × 6.5	25.0	Black		30, 50, 100
TW02/07	2 × 35/0.30	2 × 2.5	3.9 × 6.7	29.0	Black		30, 100
TW02/08	2 × 44/0.30	2 × 3.0	4.3 × 7.5	33.0	Black		30, 100
TW02/09	2 × 65/0.30	2 × 4.5	5.6 × 9.4	42.0	Black		30, 100

ROUND TWINS

Thin Wall 2 core cables (round twins)

AMC **OCEANFLEX**



Round twin construction takes a standard cable gland cleanly and is the usual choice where the run passes through a bulkhead or into a sealed enclosure. Dimensions quoted are the maximum overall diameter.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
TW02/21	2 × 16/0.20	2 × 0.5	5.2	11.0	Black	Black, Red	30, 100
TW02/22	2 × 24/0.20	2 × 0.75	5.3	14.0	Black		30, 100
TW02/03	2 × 32/0.20	2 × 1.0	5.0	16.5	Black		30, 100
TW02/25	2 × 21/0.30	2 × 1.5	6.4	21.0	Black		30, 100
TW02/24	2 × 28/0.30	2 × 2.0	6.8	25.0	Black		30, 100
TW02/26	2 × 35/0.30	2 × 2.5	6.7	29.0	Black		30, 100

THREE CORE

Thin Wall 3 core cables

AMC **OCEANFLEX**



Three core adds an earth or a switched feed to a two-wire circuit without a second cable run. Core colours black, red and green as standard; any colour combination can be produced to order.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
TW03/03	3 × 24/0.20	3 × 0.75	5.7	14.0	Black	Black, Red, Green	30, 100
TW03/01	3 × 32/0.20	3 × 1.0	5.5	16.5	Black		30, 100

Thin Wall multi-core cables (continued)

FLAT AND ROUND TWINS, 3 TO 13 CORE · ISO 19642-7:2019 · PVC SHEATHED AT 70°C · ANY COLOUR TO ORDER

THREE CORE

Thin Wall 3 core cables (continued)

AMC **OCEANFLEX**

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
TW03/04	3 × 21/0.30	3 × 1.5	6.1	21.0	Black	Black, Red, Green	30, 100
TW03/02	3 × 28/0.30	3 × 2.0	7.3	25.0	Black		30, 100

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

FOUR CORE

Thin Wall 4 core cables

AMC **OCEANFLEX**



Four core cable in the standard brown / green / red / white core colour set — the usual choice for a trailer board, a masthead run or a four-function lamp cluster.

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
TW04/02	4 × 24/0.20	4 × 0.75	5.9	14.0	Black	Brown, Green, Red, White	30, 100
TW04/01	4 × 32/0.20	4 × 1.0	5.8	16.5	Black		30, 100
TW04/03	4 × 21/0.30	4 × 1.5	7.6	21.0	Black		30, 100

FIVE AND SEVEN CORE

Thin Wall 5 core and 7 core cables

AMC **OCEANFLEX**



TW05/03 carries four 1.0 mm² cores plus one 2.0 mm² core in a single sheath — the heavier core takes the feed while the four light cores carry the switched functions.

Seven core in the traditional black / red / green / yellow / brown / white / blue set. TW07/02 and TW07/07 substitute one heavier white core for the main feed; TW07/07 is supplied in a grey sheath.

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
a TW05/02	5 × 24/0.20	5 × 0.75	6.3	14.0	Black	Brown, Green, Red, White, Yellow	30, 100
a TW05/01	5 × 32/0.20	5 × 1.0	6.3	16.5	Black		30, 100
a TW05/03	4 × 32/0.20 + 1 × 28/0.30	4 × 1.0 + 1 × 2.0	7.6	16.5 / 25.0	Black		30, 100
b TW07/03	7 × 16/0.20	7 × 0.5	6.0	11.0	Black	Black, Red, Green, Yellow, Brown, White, Blue	30, 100
b TW07/01	7 × 24/0.20	7 × 0.75	6.8	14.0	Black		30, 100
b TW07/04	7 × 32/0.20	7 × 1.0	7.4	16.5	Black		30, 100
b TW07/02	6 × 32/0.20 + 1 × 28/0.30 (White)	6 × 1.0 + 1 × 2.0	8.3	16.5 / 25.0	Black		30, 100
b TW07/07	6 × 21/0.30 + 1 × 35/0.30 (White)	6 × 1.5 + 1 × 2.5	10.1	21.0 / 29.0	Grey		30, 100

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply). See the Thin Wall overview page for specifications.

Custom Marine keeps the AMC accessory range in Dubai alongside the cable it terminates: terminals, seals, fuses, holders, sleeving and the tooling to fit them, so a loom or a distribution panel can be specified and supplied as one order — 800BOATS · 800YACHTS.

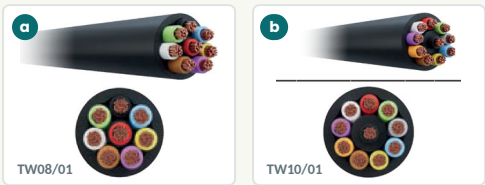
Thin Wall multi-core cables (continued)

FLAT AND ROUND TWINS, 3 TO 13 CORE · ISO 19642-7:2019 · PVC SHEATHED AT 70°C · ANY COLOUR TO ORDER

EIGHT AND TEN CORE

Thin Wall 8 core and 10 core cables

AMC **OCEANFLEX**



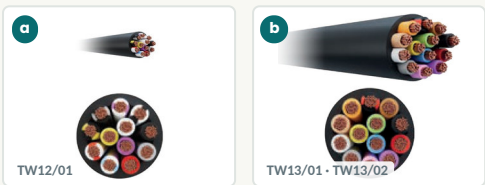
Eight and ten core cable replaces a hand-built loom on a dashboard, a control console or a bow-thruster feed. Both carry one heavier **2.0 mm² white** core for the main supply alongside the 1.0 mm² switched cores.

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
a TW08/01	7 × 32/0.20 + 1 × 28/0.30	7 × 1.0 + 1 × 2.0 (White)	8.80	16.5 / 25.0	Black	Black, Red, Blue, Yellow, Purple, Brown, White, Green	50, 100
b TW10/01	9 × 32/0.20 + 1 × 28/0.30	9 × 1.0 + 1 × 2.0 (White)	10.9	16.5 / 25.0	Black	Black, Red, Green, Grey, Blue, Yellow, Brown, Orange, Purple, White	50, 100

TWELVE AND THIRTEEN CORE

Thin Wall 12 core and 13 core cables

AMC **OCEANFLEX**



The largest multi-cores in the Thin Wall range. TW12/01 mixes eight 1 mm cores with four 0.5 mm cores and uses bi-colour cores to keep every circuit identifiable. TW13/02 is the heavy version, thirteen cores at 1.5 mm² and 2.5 mm².

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
a TW12/01	8 × 32/0.20 + 4 × 16/0.20	8 × 1mm + 4 × 0.5mm	10.2	16.5 / 11.0	Black	Red, Black, Black/Grey, Black/Yellow, Grey, White/Red, White/Blue, White/Black, Purple, White, White/Purple, Yellow	30, 100, 500
b TW13/01	12 × 21/0.30 + 1 × 35/0.30	12 × 1.5 + 1 × 2.5 (White)	12.3	21.0 / 29.0	Black	Yellow, Blue, Green, Brown, Red/Black, Black, Red, Pink, Purple, Grey, White, Light Brown, Orange	50
b TW13/02	8 × 30/0.25 + 5 × 50/0.25	8 × 1.5 + 5 × 2.5†	13.2	21.0 / 29.0	Black	Yellow, Blue, Green, Brown, White†, Black, Red, Pink, Orange†, Grey†, White/Black†, White/Blue, White/Red†	10, 30, 50

† These colours only available on TW13/02 cable that has a 2.5mm² cross section. Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

MULTI-CORE SELECTION

Which Thin Wall multi-core for the job

AMC **OCEANFLEX**



Reading down the table, pick the core count for the number of circuits and then the cross section for the heaviest of them. Where one circuit is materially heavier than the rest — a lighting feed, a pump supply — use one of the mixed-section cables so the feed is not the limiting factor.

Cores	Sections offered (mm²)	Overall diameter range (mm)	Part numbers
2 (flat)	0.5, 0.75, 1.0, 1.5, 2.0, 2.5, 3.0, 4.5	2.7 × 4.6 to 5.6 × 9.4	TW02/06, TW02/04, TW02/01, TW02/05, TW02/02, TW02/07, TW02/08, TW02/09
2 (round)	0.5, 0.75, 1.0, 1.5, 2.0, 2.5	5.0 – 6.8	TW02/21, TW02/22, TW02/03, TW02/25, TW02/24, TW02/26
3	0.75, 1.0, 1.5, 2.0	5.5 – 7.3	TW03/03, TW03/01, TW03/04, TW03/02
4	0.75, 1.0, 1.5	5.8 – 7.6	TW04/02, TW04/01, TW04/03
5	0.75, 1.0, mixed 1.0 + 2.0	6.3 – 7.6	TW05/02, TW05/01, TW05/03

Thin Wall multi-core & Battery cables

PVC FLEXIBLE BATTERY / STARTER · PVC EXTRA FLEXIBLE BATTERY · PLAIN COPPER CONDUCTORS 16 MM² TO 150 MM²

MULTI-CORE SELECTION

Which Thin Wall multi-core for the job (continued)

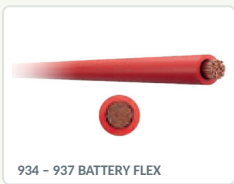
AMC **OCEANFLEX**

Cores	Sections offered (mm ²)	Overall diameter range (mm)	Part numbers
7	0.5, 0.75, 1.0, mixed 1.0 + 2.0, mixed 1.5 + 2.5	6.0 – 10.1	TW07/03, TW07/01, TW07/04, TW07/02, TW07/07
8	mixed 1.0 + 2.0	8.80	TW08/01
10	mixed 1.0 + 2.0	10.9	TW10/01
12	mixed 1.0 + 0.5	10.2	TW12/01
13	mixed 1.5 + 2.5	12.3 – 13.2	TW13/01, TW13/02

BATTERY FLEX

PVC flexible battery / starter cables

AMC **OCEANFLEX**



934 – 937 BATTERY FLEX

Single insulated battery / starter cables. Plain copper conductors, PVC insulated -30°C to 70°C. Battery Flex standard cable is a high-conductivity, flexible copper cable designed for battery connections, starter cables and earth grounding.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Resistance per metre at 20°C (Ohms)	Sheath colour	Reel sizes (Metres)
934	196/0.40	25	9.7	170.0	0.0008	Black, Red	10, 30, 100
935	315/0.40	40	12.2	300.0	0.0005	Black, Red	10, 30, 50
936	392/0.40	50	13.3	345.0	0.0004	Black, Red	10, 30, 50
937	475/0.40	60	14.6	415.0	0.0003	Black, Red	10, 30, 50

EXTRA FLEXIBLE

PVC battery / extra flexible cables

AMC **OCEANFLEX**



PVC EXTRA FLEXIBLE

Single insulated extra flexible battery cables designed for use in tough working environments. Extra flexible battery cable for tight spaces uses thin, fine-stranded copper **Class 5** to allow easier routing and superior durability in high-vibration, high-temperature environments.

The cable has been tested according to ISO 6722-1:2011 under class A (-40°C to +85°C) for mechanical, electrical, thermal and environmental performance, and for flame retardancy under IEC 60332-1-2 (the conductor is not part of this declaration). The conductor has been separately tested to BS EN 60228:2005.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Max resistance per metre at 20°C mΩ/m	Sheath colour	Reel sizes (Metres)
PVC16	203/0.3	16	8.25	110	1.210	Black, Red	10, 30, 100
PVC20	266/0.3	20	8.95	135	0.920	Black, Red	10, 30, 100
PVC25	322/0.3	25	10.05	170	0.780	Black, Red	10, 30, 100
PVC35	455/0.3	35	11.75	240	0.554	Black, Red	10, 30, 100
PVC40	539/0.3	40	12.7	300	0.527	Black, Red	10, 30, 50
PVC50	637/0.3	50	13.3	345	0.386	Black, Red	10, 30, 50
PVC60	805/0.3	60	14.95	415	0.330	Black, Red	10, 30, 50
PVC70	912/0.3	70	15.45	485	0.272	Black, Red	10, 30, 50
PVC95	684/0.4	95	17.9	500	0.206	Black, Red	10, 50

Battery cables & Classic PVC

PVC FLEXIBLE BATTERY / STARTER · PVC EXTRA FLEXIBLE BATTERY · PLAIN COPPER CONDUCTORS 16 MM² TO 150 MM²

EXTRA FLEXIBLE

PVC battery extra flexible cables (continued)

AMC **OCEANFLEX**

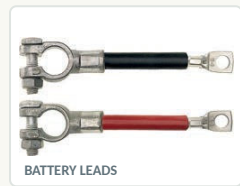
Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Max resistance per metre at 20°C mΩ/m	Sheath colour	Reel sizes (Metres)
PVC120	893/0.4	120	19.7	600	0.161	Black, Red	10, 50
PVC150	1184/0.4	150	22.35	700	0.129	Black, Red	10, 50

Maximum resistance is shown in the table above. The conductor specifications shown are representative configurations; actual cable strand may differ slightly but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only and can vary depending on the application, conditions and environmental factors — if in doubt, please consult a qualified electrician.

TERMINATION CROSS-REFERENCE

Which battery terminal suits which cable

AMC **OCEANFLEX**



BATTERY LEADS

The AMC battery terminal range is specified directly against the cable part numbers on this page. Read the cable part number in the left column and the terminal that suits it follows; full dimensions for each terminal are on the battery terminal page later in this chapter.

Cable part No	Cross section (mm ²)	Solder or crimp terminal	Universal terminal	Cover
934	25	BT472N / BT472P	BT458	BTC10B / BTC10R
935	40	BT473N / BT473P	—	BTC10B / BTC10R
PVC16	16	—	BT457	BTC10B / BTC10R
PVC20	20	—	BT457	BTC10B / BTC10R
PVC25	25	BT472N / BT472P	BT458	BTC10B / BTC10R
PVC35	35	BT473N / BT473P	—	BTC10B / BTC10R
PVC40	40	BT473N / BT473P	—	BTC10B / BTC10R
PVC50	50	BT473N / BT473P	—	BTC10B / BTC10R
PVC70	70	BT475N / BT475P	—	BTC60B / BTC60R
400	19 braid	BT472N / BT472P	BT458	BTC10B / BTC10R

Crimp with TT75 (1.5–10 mm²), TT81 (6–50 mm²), TT80 or TT82 (10–120 mm²) and finish with HA adhesive-lined heat shrink or an AC angle cover.

CLASSIC SINGLE CORE

PVC single core cables

AMC **OCEANFLEX**



PVC SINGLE CORE

Single or multi core construction, available in solid or bi-colour options with standard wall thickness. Good resistance to petrol, diesel, lubricating oils and diluted acids, these cables are used to replace wiring pre-1995. Manufactured to **BS6862 Part 1 1971**.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Maximum loading (Watts)		Max resistance per metre at 20°C (Ohms)	Reel sizes (Metres)
					12 Volts	24 Volts		
1598	9/0.30	0.65	2.5	5.75	69	138	0.0294	50
1600	14/0.30	1.0	2.7	8.75	105	210	0.0189	50
1603	28/0.30	2.0	3.4	17.5	210	420	0.0094	50

Classic PVC cables (continued)

BS6862 PART 1 1971 · STANDARD WALL PVC · SINGLE CORE, FLAT TWIN AND 3 TO 7 CORE

CLASSIC SINGLE CORE

PVC single core cables (continued)

AMC **OCEANFLEX**

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Maximum loading (Watts)		Max resistance per metre at 20°C (Ohms)	Reel sizes (Metres)
					12 Volts	24 Volts		
1605	44/0.30	3.0	4.2	27.5	330	660	0.006	50
1606	65/0.30	4.5	5.1	35.0	420	840	0.0041	30

CLASSIC TWIN

PVC 2 core cables (flat twins)

AMC **OCEANFLEX**



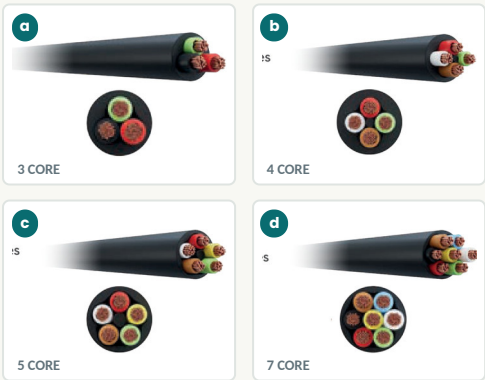
Sheathed at 70°C. Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall dimensions (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
1649	2 × 9/0.30	2 × 0.65	6.00 × 3.55	5.75	Black	Black, Red	30, 100
1650	2 × 14/0.30	2 × 1.0	6.50 × 3.85	8.75	Black		30, 100
1652	2 × 28/0.30	2 × 2.0	7.55 × 4.35	17.5	Black		30, 100

CLASSIC 3, 4 AND 5 CORE

PVC multi-core cables

AMC **OCEANFLEX**



Classic multi-core in the traditional core colour sets. 999 carries six 1.0 mm² cores plus one 2.0 mm² white core for the feed.

Part No	Cores	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (m)
a 948	3	3 × 14/0.30	3 × 1.0	7.5	8.75	Black	Black, Green, Red	30, 100
b 960	4	4 × 14/0.30	4 × 1.0	8.0	8.75	Black	Brown, Green, Red, White	30, 100
c 951	5	5 × 9/0.30	5 × 0.65	8.3	5.75	Black	Brown, Green, Red, White, Yellow	30, 100
c 998	5	5 × 14/0.30	5 × 1.0	8.9	8.75	Black		30, 100
d 953	7	7 × 16/0.20	7 × 0.5	8.4	4.25	Black	Black, Red, Green, Yellow, Brown, White, Blue	30, 100

Every reference on this page is stocked or sourced through the Custom Marine order desk in the manufacturer’s own pack sizes; cut lengths, part-marked assemblies and pre-built looms are quoted on application — custommarine.ae · +971 50 500 6969.

Classic PVC & Oceanflex

BRITISH-MADE, CORROSION RESISTANT TINNED CABLE FOR MARINE APPLICATIONS AND OTHER HARSH ENVIRONMENTS

CLASSIC 3, 4 AND 5 CORE

PVC multi-core cables (continued – figures a–d on the previous page)

AMC **OCEANFLEX**

Part No	Cores	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (m)
d 952	7	7 × 9/0.30	7 × 0.65	8.9	5.75	Black	Black, Red, Green, Yellow, Brown, White, Blue	30, 100
d 999	7	6 × 14/0.30 + 1 × 28/0.30 (White)	6 × 1.0 + 1 × 2.0	10.2	6 × 8.75 / 1 × 17.5	Black	Black, Red, Green, Yellow, Brown, White, Blue	30, 100

The cores and sheaths can be produced in any colour (MOQs may apply). Please refer to single core for resistance values.

TINNED COPPER CABLES

Why tinned copper aboard

AMC **OCEANFLEX**



TINNED, CORROSION RESISTANT

Our UK-manufactured Oceanflex® cables are designed, built and tested with durability in mind to withstand the rigours of marine and industrial environments. High temperature thin wall low voltage wiring cables suitable for use in marine and other harsh environments — **the tinned copper conductors make this cable more resistant to corrosion.**

Cores manufactured to **ISO 6722-1:2011 (class B) 105°C** · tinned copper conductors, PVC insulated · suitable for use at temperatures from -40°C to 105°C with excursions up to 120°C · twins and multi-core PVC sheathed at 70°C · suitable for 12v and 24v systems (maximum 60v) · good resistance to petrol, diesel, lubricating oils and diluted acid · very good resistance to moisture · PVC insulation saves weight and offers good resistance to abrasion and cut through · cables are printed with the specification on the insulation.

Marine applications	Power and propulsion	Systems and comfort	Harsh environments
Marine wiring, motor boats	Battery banks, battery power (negative only)	Lighting circuits, navigation lights	Engine rooms and enclosed areas
Harness wiring, switchgear and switchboards	Starter systems negative DC, inverters	Audio and entertainment systems	Cold-storage facilities
Steering (marine), engine management	Shore power cable (marine)	Bilge pumps, submersible pumps	Hazardous environments
Navigation and communication equipment	Temporary power systems	Auxiliary equipment, emergency lighting	Heavy industrial equipment, material handling
Caravans and motorhomes, RV hook-up	Battery banks ashore and afloat	Lighting and sensors	Marine wiring in exposed positions

THE OCEANFLEX FAMILY

Five marine constructions

AMC **OCEANFLEX**



Oceanflex Tinned Copper thin-wall wiring, single core and 2 to 13 core, operational between -30°C and 70°C (multi-cores) and -40°C and 105°C (single cores). **Oceanflex Battery** is the high-flexibility marine-grade battery cable for linking battery banks and high-current connections in engine rooms, also used for starter motors, bow thrusters, winches and windlasses on low-voltage (12v/24v) DC electrical systems.

Oceanflex YAC is the ISO 13297 yellow DC-negative battery cable. **Arctic-T** holds flexibility to minus 40°C for shore power and cold store; **Corronex LR** is the Lloyd's Register-approved EPR / HFFR cable for critical power, navigation and communication circuits.

Range	Cores available	Sections (mm ²)	Sheath	Standard
a Oceanflex single core	1	1.0 – 10.0	PVC, twelve colours	ISO 6722-1:2011 class B
b Oceanflex multi-core	2, 3, 5, 7, 8, 10, 13	0.5 – 6.0 per core	PVC, black, white or yellow	ISO 6722-1:2011 class B
c Oceanflex battery	1	16 – 120	PVC, black or red	ISO 6722-1:2011 class A
d Oceanflex YAC	1	16 – 95	PVC, yellow, 300v DC	ISO 13297
e Arctic-T	3	1 – 6	Low-temperature PVC, blue or yellow	BS6004
f Corronex LR	1	1 – 35	HFFR, blue / yellow / black / red	Lloyd's Register, IEC 60092-353

Bespoke design and specification is available in length, colour and branding. Data sheets available at www.amc-tcg.com/downloads/data-sheets.

Oceanflex & Oceanflex multi-core

TINNED COPPER MULTI-CORE · FLAT AND ROUND TWINS, 3 TO 13 CORE · BLACK, WHITE AND YELLOW SHEATHS

ISO 6722-1:2011 CLASS B

Thin Wall tinned copper single core cables

AMC **OCEANFLEX**



CM SINGLE CORE

The Oceanflex single core range. Every conductor is tinned, so a cut end will not go green in a bilge or a locker and a crimp made today will still measure the same in ten years. Maximum loading is given at both 12 and 24 volts; maximum resistance per metre at 20°C is the figure to work from when sizing for volt drop over a long run.

Single core cables are available in the following colours: (R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE. Any combination of two of the above colours can be made available upon request.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Maximum loading (Watts)		Max resistance per metre at 20°C (Ohms)	Reel sizes (Metres)
					12 Volts	24 Volts		
CM1.0	32/0.20	1.0	2.1	16.5	198	396	0.0191	Made to Order
CM1.5	21/0.30	1.5	2.4	21.0	252	504	0.0130	50, 100, 500
CM2.5	35/0.30	2.5	3.0	29.0	348	696	0.00782	50, 100, 500
CM4.0	56/0.30	4.0	3.7	39.0	468	936	0.00485	30, 100, 500
CM6.0	84/0.30	6.0	4.3	50.0	600	1200	0.00323	30, 100, 500
CM10.0	80/0.40	10.0	6.0	70.0	840	1680	0.00185	30, 100

FLAT TWINS

Thin Wall tinned copper 2 core cables (flat twins)

AMC **OCEANFLEX**



CM02 FLAT TWIN

Oceanflex flat twins for tinned two-wire runs — cabin lighting, pumps, instruments. CM02/05 is offered in a white sheath as well as black for headlining and overhead runs where a black cable would show.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall dimensions (mm)	Nominal current rating (Amps)	Sheath colours	Core colours	Reel sizes (Metres)
CM02/01	2 × 32/0.20	2 × 1	2.9 × 4.9	16.5	Black	Black, Red	30, 100
CM02/05	2 × 21/0.30	2 × 1.5	3.5 × 5.8	21.0	Black, White		30, 100
CM02/07	2 × 35/0.30	2 × 2.5	3.9 × 6.7	29.0	Black		30, 100

ROUND TWINS

Thin Wall tinned copper 2 core cables (round twins)

AMC **OCEANFLEX**



CM02 ROUND TWIN

Round twins take a standard gland where the run passes a bulkhead. CM02/11 at 2 × 6 mm² is the heavy twin for windlass and thruster control runs.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
CM02/03	2 × 32/0.20	2 × 1	4.9	16.5	Black	Black, Red	30, 100
CM02/25	2 × 21/0.30	2 × 1.5	6.4	21.0	Black		30, 100
CM02/26	2 × 35/0.30	2 × 2.5	6.7	29.0	Black		30, 100
CM02/11	2 × 84/0.30	2 × 6	9.2	50	Black		30, 100

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

Oceanflex multi-core cables (continued)

TINNED COPPER MULTI-CORE · FLAT AND ROUND TWINS, 3 TO 13 CORE · BLACK, WHITE AND YELLOW SHEATHS

THREE CORE

Thin Wall tinned copper 3 core cables

AMC **OCEANFLEX**



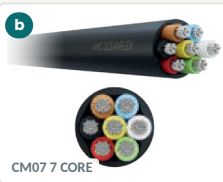
Three core tinned cable for shore power sub-circuits, pump feeds with a switched return, and instrument runs. The two largest sizes, CM03/06Y and CM03/07Y, are supplied in a **yellow sheath** to mark them out from black AC cable in a mixed installation.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colours	Core colours	Reel sizes (Metres)
CM03/01	3 × 32/0.20	3 × 1	5.4	16.5	Black	Black, Green, Red	30, 100
CM03/04	3 × 21/0.30	3 × 1.5	6.1	21.0	Black, White		30, 100
CM03/05	3 × 35/0.30	3 × 2.5	7.4	29.0	Black		30, 100
CM03/06Y	3 × 56/0.30	3 × 4	12.2	39.0	Yellow		30, 100
CM03/07Y	3 × 84/0.30	3 × 6	9.65	50.0	Yellow		30, 100

FIVE AND SEVEN CORE

Thin Wall tinned copper 5 core and 7 core cables

AMC **OCEANFLEX**



Five core in the brown / green / red / white / yellow set, black sheathed, in 1.5 mm² and 2.5 mm².

Seven core tinned cable in 1.5 mm² and 2.5 mm², in the standard black / red / green / yellow / brown / white / blue set — one cable for a whole console or nav-light circuit group.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
a CM05/04	5 × 21/0.30	5 × 1.5	8	21.0	Black	Brown, Green, Red, White, Yellow	30, 100
a CM05/05	5 × 35/0.30	5 × 2.5	9.4	29.0	Black		30, 100
b CM07/05	7 × 21/0.30	7 × 1.5	8.5	21.0	Black	Black, Red, Green, Yellow, Brown, White, Blue	30, 100
b CM07/06	7 × 35/0.30	7 × 2.5	10.7	29.0	Black		30, 100

The cores and sheaths can be produced in any colour (MOQs may apply). Please refer to single core for resistance values.

SHEATH COLOUR

Reading the Oceanflex multi-core sheath

AMC **OCEANFLEX**



Three sheath colours run through the Oceanflex multi-core range and each carries a meaning. Black is the standard sheath. White is offered on CM02/05 and CM03/04 for headlining and overhead runs where a black cable would show against a light finish. Yellow, on CM03/06Y and CM03/07Y, marks the cable out from AC cable in a mixed installation, in the spirit of the ISO 13297 colour discipline that governs the DC negative.

Sheath	Offered on	Why
Black	CM02/01, CM02/03, CM02/05, CM02/07, CM02/11, CM02/25, CM02/26, CM03/01, CM03/04, CM03/05, CM05/04, CM05/05, CM07/05, CM07/06, CM08/01, CM10/01, CM13/01	Standard sheath across the range
White	CM02/05, CM03/04	Overhead and headlining runs against a light finish
Yellow	CM03/06Y, CM03/07Y	Distinguishes the cable from AC cable in a mixed installation

Oceanflex multi-core & Oceanflex battery

TINNED COPPER MULTI-CORE · FLAT AND ROUND TWINS, 3 TO 13 CORE · BLACK, WHITE AND YELLOW SHEATHS

EIGHT, TEN AND THIRTEEN CORE

Thin Wall 8, 10 and 13 core Oceanflex cable

AMC **OCEANFLEX**



Tinned eight and ten core cable replaces a hand-built loom behind a helm console or a switch panel. Both carry a heavier **2.0 mm² white** core for the main supply alongside 1.0 mm² switched cores, so the feed is never the limiting factor.

The largest Oceanflex multi-core: twelve 1.5 mm² cores plus one 2.5 mm² white core, all tinned, in a black sheath on 50 metre reels.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (Metres)
a CM08/01	7 × 32/0.20 + 1 × 28/0.30	7 × 1.0 + 1 × 2.0 (White)	8.80	16.5 / 25.0	Black	Black, Red, Blue, Yellow, Purple, Brown, White, Green	50, 100
b CM10/01	9 × 32/0.20 + 1 × 28/0.30	9 × 1.0 + 1 × 2.0 (White)	10.9	16.5 / 25.0	Black	Black, Red, Green, Grey, Blue, Yellow, Brown, Orange, Purple, White	50, 100
c CM13/01	12 × 21/0.30 + 1 × 35/0.30	12 × 1.5 + 1 × 2.5 (White)	12.3	21.0 / 29.0	Black	Yellow, Blue, Green, Brown, Red/Black, Black, Red, Pink, Purple, Grey, White, Light Brown, Orange	50

MULTI-CORE SELECTION

Oceanflex multi-core range at a glance

AMC **OCEANFLEX**



Every Oceanflex multi-core in one table. Choose the core count for the number of circuits, then the section for the heaviest of them; where one circuit is materially heavier, use the mixed-section 8, 10 or 13 core.

Cores	Form	Sections (mm ²)	Diameter (mm)	Part numbers
2	Flat twin	1.0, 1.5, 2.5	2.9 × 4.9 to 3.9 × 6.7	CM02/01, CM02/05, CM02/07
2	Round twin	1.0, 1.5, 2.5, 6.0	4.9 – 9.2	CM02/03, CM02/25, CM02/26, CM02/11
3	Round	1.0, 1.5, 2.5, 4.0, 6.0	5.4 – 12.2	CM03/01, CM03/04, CM03/05, CM03/06Y, CM03/07Y
5	Round	1.5, 2.5	8 – 9.4	CM05/04, CM05/05
7	Round	1.5, 2.5	8.5 – 10.7	CM07/05, CM07/06
8	Round, mixed	1.0 + 2.0	8.80	CM08/01
10	Round, mixed	1.0 + 2.0	10.9	CM10/01
13	Round, mixed	1.5 + 2.5	12.3	CM13/01

TINNED BATTERY CABLE

Tinned copper PVC battery / extra flexible cables

AMC **OCEANFLEX**



Single insulated extra flexible battery cables designed for use in tough working environments. Resistant to petrol, lubricating oils and diluted acids. PVC insulated -30°C to 70°C.

Oceanflex battery cable is a high-performance, marine-grade cable featuring tinned copper conductors specifically designed to withstand harsh, corrosive environments. High flexibility, a wide temperature range and excellent resistance to chemicals and moisture make it ideal for low-voltage (12v/24v) DC electrical systems — linking battery banks and high-current battery connections within boat engine rooms, and for **starter motors, bow thrusters, winches and windlasses**.

Part No	Conductor specification (mm)	Cross section (mm ²)	Max overall diameter (mm)	Nominal current rating (Amps)	Max resistance per metre at 20°C (Ohms)	Sheath colours	Reel sizes (Metres)
CM16	203/0.30	16	8.3	110	0.001240	Black, Red	10, 50
CM25	322/0.30	25	10.1	170	0.000794	Black, Red	10, 50

Oceanflex battery & YAC cables (continued)

TINNED COPPER PVC BATTERY / EXTRA FLEXIBLE 16 MM² TO 120 MM² · YAC YELLOW TO ISO 13297

TINNED BATTERY CABLE

Tinned copper PVC battery / extra flexible cables (continued)

AMC **OCEANFLEX**

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Max resistance per metre at 20°C (Ohms)	Sheath colours	Reel sizes (Metres)
CM35	455/0.30	35	11.8	240	0.000565	Black, Red	10, 50
CM50	637/0.30	50	13.3	345	0.000393	Black, Red	10, 50
CM70	912/0.30	70	15.5	485	0.000277	Black, Red	10, 30, 50
CM95	684/0.40	95	17.9	500	0.000210	Black, Red	10, 30, 50
CM120	888/0.40	120	19.6	600	0.00011	Black, Red	30, 100

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.

ISO 13297 — DID YOU KNOW?

Yellow for DC negative aboard a mixed craft

AMC **OCEANFLEX**



According to international standard **ISO 13297; Small Craft Electrical Systems**, any DC electrical installation can use black or yellow to signify negative. However, installers **MUST use yellow as the negative, if an AC system is in the same craft**. This is to clearly distinguish to engineers and maintenance personnel between the AC and DC circuits.

By reserving black for the AC neutral conductor and mandating yellow for the DC negative in mixed-system vessels, ISO 13297 reduces the risk of maintenance personnel misidentifying conductors, which could otherwise lead to short circuits, equipment damage or electric shock.

Circuit	Conductor	Colour where no AC system fitted	Colour where an AC system is fitted
DC positive	Feed	Red	Red
DC negative	Return	Black or yellow	Yellow — mandatory
AC neutral	Return	Black (reserved)	Black (reserved)

On any craft where an AC system is installed, order the DC negative in Oceanflex YAC yellow. Using black for the DC negative alongside an AC system is a direct contravention of ISO 13297 and is the single most common failure raised at survey.

PVC ISO 13297 BATTERY CABLE

Oceanflex YAC size table

AMC **OCEANFLEX**



Tinned copper marine-grade battery cable designed to meet the requirements of **ISO 13297**, the international standard governing the design, construction and installation of extra-low-voltage direct current (DC) and single-phase alternating current (AC) electrical systems on small craft. PVC insulated **-15°C to 70°C**.

Note that the diameter column for YAC is the **minimum** overall diameter, and resistance is quoted in milliohms per metre rather than ohms. Voltage rating is **300v DC** across the range.

Part No	Conductor specification (mm)	Cross section (mm²)	Minimum overall diameter (mm)	Max resistance (mΩ/m)	Voltage rating (DC)	Sheath colours	Reel sizes (Metres)
CM16Y	203/0.3	16	7.90	1.210	300v DC	Yellow	10, 50
CM25Y	322/0.3	25	9.50	0.727			10, 50
CM35Y	455/0.3	35	11.30	0.524			10, 50
CM50Y	637/0.3	50	12.30	0.386			10, 50

Specification support for naval architects, yards and refit contractors: drawings, data sheets and sample parts are available on request, and the fusing, busbar and termination plan is checked against the cable schedule before despatch — 800BOATS.

Oceanflex battery & YAC cables (continued)

TINNED COPPER PVC BATTERY / EXTRA FLEXIBLE 16 MM² TO 120 MM² · YAC YELLOW TO ISO 13297

PVC ISO 13297 BATTERY CABLE

Oceanflex YAC size table (continued)

AMC **OCEANFLEX**

Part No	Conductor specification (mm)	Cross section (mm ²)	Minimum overall diameter (mm)	Max resistance (mΩ/m)	Voltage rating (DC)	Sheath colours	Reel sizes (Metres)
CM70Y	912/0.3	70	14.80	0.272	300v DC	Yellow	10, 30, 50
CM95Y	684/0.3	95	16.50	0.206			10, 30, 50

PRODUCT FEATURES

What the Oceanflex sheath does

AMC **OCEANFLEX**



Two properties matter more than any other on a cable that lives in a bilge or an engine room. First, **PVC insulation: resistant to abrasion** — the sheath survives the chafe of a cable passing a bulkhead or lying against a stringer. Second, **resistance to petrol, diesel, lubricating oils and diluted acid** — the fluids that are actually present in the space where the cable is run.

The tinned copper conductor is the third property. Where salt water and moisture cause rapid corrosion of bare copper, tinning holds the conductor and the crimp interface stable for the life of the installation.

Property	Oceanflex tinned	Oceanflex YAC	Why it matters aboard
Conductor	Tinned copper	Tinned copper	Resists the corrosion that ends bare-copper joints
Insulation	PVC, abrasion resistant	PVC, abrasion resistant	Survives chafe where the run passes structure
Chemical resistance	Petrol, diesel, oils, diluted acid	Petrol, diesel, oils, diluted acid	The fluids present in an engine space
Temperature	-40°C to 105°C (single core)	-15°C to 70°C	Engine bay heat and winter lay-up cold
Marking	Specification printed on insulation	AMC OCEANFLEX YAC printed	Identifiable years later at survey
Colour discipline	Twelve colours plus bi-colours	Yellow only	ISO 13297 DC negative identification

BATTERY CABLE SELECTION

Oceanflex battery, YAC and the plain-copper alternative

AMC **OCEANFLEX**



Three battery cable ranges run through this chapter and the choice is straightforward. Oceanflex battery cable is the tinned marine standard in black and red. Oceanflex YAC is the same tinned conductor in a yellow 300v DC sheath, to be used for the DC negative wherever an AC system is aboard. The plain-copper PVC range is the inland equivalent where corrosion is not a factor.

Section (mm ²)	Oceanflex battery	Oceanflex YAC	Plain copper PVC	Current rating (Amps)
16	a CM16	b CM16Y	c PVC16	110
20	—	—	c PVC20	135
25	a CM25	b CM25Y	c PVC25	170
35	a CM35	b CM35Y	c PVC35	240
40	—	—	c PVC40	300
50	a CM50	b CM50Y	c PVC50	345
60	—	—	c PVC60	415
70	a CM70	b CM70Y	c PVC70	485
95	a CM95	b CM95Y	c PVC95	500

AMC manufactures in the UK and makes to order beyond the listed range — bespoke colours, core counts, lengths and branding are available through Custom Marine with the manufacturer's minimum order quantities — custommarine.ae.

Oceanflex battery & Arctic-T

BS6004 · TINNED FLEXIBLE COPPER · FLEXIBLE TO MINUS 40°C · BLUE OR YELLOW SHEATH

BATTERY CABLE SELECTION

Oceanflex battery, YAC and the plain copper alternative (continued – figures a–c on the previous page)

AMC **OCEANFLEX**

Section (mm²)	Oceanflex battery	Oceanflex YAC	Plain copper PVC	Current rating (Amps)
120	a CM120	—	c PVC120	600
150	—	—	c PVC150	700

Current ratings shown are the Oceanflex battery figures; the plain copper PVC range carries the same nominal ratings at each section. Ratings are a guide only and vary with application, conditions and environment.

LOW-TEMPERATURE CABLES FOR EXTREME ENVIRONMENTS

AMC Arctic-T

AMC **OCEANFLEX**



Arctic-T cables are specialised power solutions engineered to maintain exceptional flexibility and reliability in extreme temperatures as low as -40°C. Manufactured to **BS6004** standards, they feature corrosion-resistant tinned copper conductors and a rugged outer jacket designed to withstand UV rays, moisture and saltwater.

These durable characteristics make them an ideal choice for high-stress environments such as marine installations, construction sites and cold-storage facilities. Easy installation and routing even in the harshest sub-zero weather conditions, Arctic-T provides a dependable power link where mechanical resilience and long-term performance are critical for industrial and mobile units.

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Max resistance per metre at 20°C (Ohms)	Sheath colours	Core colours	Reel sizes (m)
a b AT03/02	32/0.20	1	6.8	16.5	0.0191	Blue, Yellow	Blue, Brown, Green/Yellow	30, 50, 100, 500
a b AT03/03	21/0.30	1.5	8.1	21	0.0130			
a b AT03/04	35/0.30	2.5	10	29	0.00782			
a b AT03/05	56/0.30	4	11.3	39	0.00485			
a b AT03/06	84/0.30	6	12.7	50	0.00323			

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on the application, condition and environmental factors. If in doubt, please consult a qualified electrician. amc-tcg.com | +44(0) 1204 575234 | orders@amc-tcg.com

FEATURES AND BENEFITS

Why Arctic-T where it is cold

AMC **OCEANFLEX**



Cold-weather reliability. Arctic-T cables retain flexibility and structural integrity in demanding low-temperature environments where standard PVC becomes brittle. **Corrosion-resistant construction.** Tinned copper conductors provide enhanced protection against corrosion in humid, wet and saltwater-exposed environments.

Mechanical durability. Built to withstand physical stress, regular movement and exposure to challenging outdoor conditions.

Versatile deployment. Suitable for cold-storage facilities, temporary power systems and mobile units such as caravans and motorhomes, as well as marine and industrial use.

Features	Benefits
Tinned copper conductors provide excellent corrosion resistance in wet and salt-laden environments	Reliable performance in sub-zero conditions prevents cracking and cable failure
Low-temperature PVC insulation maintains flexibility and reliability at minus 40°C	Corrosion-resistant tinned copper supports long-term use in humid and marine environments
Durable outer jacket withstands water, UV exposure and mechanical impact	Flexible handling simplifies installation in cold and restricted spaces
Suitable for both indoor and outdoor installation in harsh cold-weather conditions	Durable construction withstands water, UV and mechanical wear
Flexible construction supports easy handling and routing in confined or awkward spaces	Suitable for diverse applications across industrial, marine and mobile systems
Designed to deliver stable performance across mobile, industrial and marine equipment	Temperature rated to minus 40°C, colours available blue or yellow, manufactured to BS6004

Typical applications: shore power cable (marine), RV/caravan hook up, caravans and motorhomes, auxiliary equipment, marine wiring, lighting circuits, engine rooms and enclosed areas, temporary power systems, cold-storage facilities.

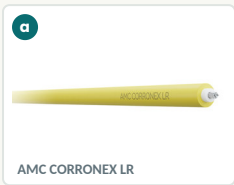
Corronex LR – Lloyd’s Register approved

EPR INSULATION, HFFR SHEATH • TINNED CLASS 5 COPPER • -40°C TO +90°C • IEC 60092-353

LLOYD’S REGISTERED CABLES FOR MARITIME EXCELLENCE

AMC Corronex LR

AMC OCEANFLEX



Corronex LR cables are high-performance marine power solutions engineered with tinned copper conductors and EPR insulation to withstand harsh saltwater and chemical exposure. Manufactured in the UK and **Lloyd’s Register-approved**, these cables operate reliably across a temperature range from -40°C to +90°C.

Their halogen-free, flame-retardant construction prioritises safety by reducing toxic emissions and smoke during fire emergencies on board vessels. Designed for mechanical durability, they are ideal for critical power, navigation and communication circuits in demanding environments. Cores manufactured to **IEC 60092-353**; flame retardant to **IEC 60332-1-2** and **IEC 60332-3-22**; minimum bend radius <6x OD.

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Max resistance per metre at 20°C (Ohms)	Sheath colours	Reel sizes (Metres)
a b CLR1	32/0.20	1	5.6	16.5	0.01910	Blue/Yellow/ Black/Red	30, 50, 100, 500
a b CLR1.5	21/0.30	1.5	5.8	21	0.01300		
a b CLR2.5	35/0.30	2.5	6.2	29	0.00782		
a b CLR4	56/0.30	4	6.6	39	0.00485		
a b CLR6	84/0.30	6	7.3	50	0.00323		
a b CLR10	80/0.40	10	8.4	70	0.00185		
a b CLR16	203/0.30	16	9.8	110	0.00124		
a b CLR25	322/0.30	25	11.5	170	0.00079		
a b CLR35	455/0.30	35	14.4	240	0.00056		

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on the application, condition and environmental factors. If in doubt, please consult a qualified electrician. amc-tcg.com | +44(0) 1204 575234 | orders@amc-tcg.com

FEATURES AND BENEFITS

Why Corronex LR on a classed vessel

AMC OCEANFLEX



Compliance and market access. Meeting the requirements set by Lloyd’s Register and relevant IEC marine standards, Corronex LR supports installation on a broad range of approved vessels and offshore structures. **Assurance of quality.** Lloyd’s Register approval demonstrates independent assessment of construction, materials and flame performance.

Traceability and confidence. Every Corronex LR cable is fully traceable, supporting robust quality control and maintenance processes. **Specific application suitability.** Developed for marine and offshore systems operating in corrosive, moisture-heavy and high-temperature conditions.

Features	Benefits
EPR insulation and HFFR sheath provide reliable protection in demanding marine operating conditions	Low-smoke, halogen-free properties reduce hazards to crew and equipment during fire conditions
Tinned Class 5 copper conductors deliver strong corrosion resistance in saltwater environments	Stable electrical performance supports reliable operation of essential power and control circuits
Flame-retardant materials reduce fire spread and support safer performance in confined spaces	Tinned copper conductors extend service life in corrosive marine environments
Halogen-free construction limits toxic gas release and enhances occupant and equipment safety	Fully compliant with Lloyd’s Register standards for approved vessel installations
Strong resistance to oil, diesel and diluted acids ensures dependable service life in harsh areas	Halogen-free materials limit environmental impact and improve safety in enclosed spaces
Flexible construction supports efficient installation within restricted spaces and complex cable routes	UV-resistant outer sheath supports long-term durability in exposed marine environments

Typical applications: marine wiring, hazardous environments, motor boats, submersible pumps, control and plant rooms, emergency lighting, security systems, marine and offshore, bilge pumps.

Tri-Rated flexible PVC cable

H05V2-K / H07V2-K · BS 6231, UL 758, CSA 22.2 · -15°C TO +90°C · CONTROL PANELS AND SWITCHGEAR

UL APPROVED TRI-RATED CABLES

AMC 3TR range – complete size table

AMC OCEANFLEX



AMC Tri-Rated cables are manufactured to deliver dependable, high-temperature performance for control panels, switchgear and industrial electrical systems. Produced with flexible **Class 5** copper conductors and heat-resistant PVC insulation, they offer robust, long-term reliability in compact or demanding environments. Certified to **BS 6231, UL758 and CSA22.2**, they provide a trusted solution for manufacturers and panel builders requiring compatibility across international applications.

The AMC 3TR range is tested and certified to **BS 6231, UL 758, CS 22.2, EN 50525-2-31, IEC 60332-1-2 and BS EN 60228**. Stable electrical performance from minus 15°C to plus 90°C supports reliable operation in enclosed panels and distribution assemblies.

Part No	Conductor specification (mm)	Max overall diameter (mm)	Max resistance per metre at 20°C (Ohms)	Colour	Reel & packaging
3TR.5	0.5	2.5	0.0371	Tri-Rated cables are available in the following colours: (R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE. Any combination of two of the above colours can be made available upon request.	All cable are available as 10/30/50/100/ 250/500m reels. Barrel pack up to 10,000m dependant upon cable. Box pack up to 6,000m dependant upon cable. *If you have a special packaging request please contact our Sales Team.
3TR.75	0.75	2.7	0.0247		
3TR1	1	2.8	0.0185		
3TR1.5	1.5	3.05	0.0127		
3TR2	2	3.4	0.00942		
3TR2.5	2.5	3.5	0.0076		
3TR3	3	4	0.00615		
3TR4	4	4.2	0.00471		
3TR4.5	4.5	4.65	0.00406		
3TR6	6	4.8	0.00314		
3TR7	7	5.2	0.00279		
3TR8.5	8.5	5.6	0.0022		
3TR10	10	6.3	0.00182		
3TR16	16	7.65	0.00116		
3TR25	25	9.4	0.000743		
3TR35	35	10.4	0.00056		

INDUSTRIAL RANGE

Where Tri-Rated and Low Smoke are specified

AMC OCEANFLEX



The AMC INDUSTRIAL cable range delivers specialist cable solutions engineered for safety-critical and high-performance electrical installations, combining enhanced life safety protection with global compliance and efficient installation. Tri-Rated cables, certified to BS, UL and CSA standards, offer a **single multi-standard solution that reduces stock complexity and cost** while ensuring consistent compliance across UK, US and Canadian markets.

Sector	Tri-Rated	Low Smoke Zero Halogen
Buildings and infrastructure	Distribution boards and cabinets	Public buildings, tunnels and enclosed walkways
Control and power	Control panels, switchgear and switchboards	Control and plant rooms, switchgear
Data and communications	Telecommunications, instrumentation wiring	Data centres, low toxicity environments
Machinery	Industrial automation, robotics, sensors and actuators	Extractor fans, security systems, appliances
Audio and appliance	Audio and entertainment systems, starter systems	Halogen-free performance environments

Custom Marine keeps the AMC accessory range in Dubai alongside the cable it terminates: terminals, seals, fuses, holders, sleeving and the tooling to fit them, so a loom or a distribution panel can be specified and supplied as one order — 800BOATS · 800YACHTS.

Low Smoke Zero Halogen & twisted pairs

LSZH SINGLE CORE · THIN WALL TWISTED PAIR AND DOUBLE TWISTED PAIR · FIRE BEHAVIOUR AND SIGNAL INTEGRITY

LOW SMOKE ZERO HALOGEN

AMC Low Smoke single core cables

AMC **OCEANFLEX**



AMC Low Smoke cables are developed for environments where fire behaviour, air quality and occupant safety cannot be compromised. Using advanced low-smoke, zero-halogen thermoplastic compounds, they significantly reduce toxic emissions and maintain visibility during fire conditions.

LSZH cables eliminate toxic halogen gases and reduce harmful acid emissions, produce minimal smoke to maintain visibility during evacuation, and feature flame-retardant properties that slow fire spread and support self-extinguishing behaviour — especially suitable for hospitals, tunnels, public buildings and data centres.

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Max resistance per metre at 20°C (Ohms)	Colour	Reel sizes (Metres)
OH1	32/0.20	1	2.62	16.5	0.0185	Single core cables are available in the following colours: (R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE, (GY) GREEN / YELLOW. Any combination of two of the above colours can be made available upon request.	100
OH2.5	35/0.30	2.5	3.72	29	0.0076		
OH4	56/0.30	4	4.25	39	0.00471		
OH6	84/0.30	6	4.82	50	0.00314		
OH10	80/0.40	10	6.19	70	0.00182		
OH16	126/0.40	16	7.95	110	0.00116		

LSZH SELECTION

Choosing between PVC, LSZH and HFFR

AMC **OCEANFLEX**



Three sheath families cover three different fire questions. PVC is the general-purpose choice. LSZH answers smoke and toxic gas in an enclosed occupied space. HFFR — the Corronex LR sheath — adds Lloyd's Register approval and EPR insulation for classed vessels.

Sheath family	Range	Halogen	Smoke	Typical specification driver
PVC thin wall	Thin Wall, Oceanflex	Contains halogen	Standard	Weight, space and chemical resistance
Low-temperature PVC	Arctic-T	Contains halogen	Standard	Flexibility at minus 40°C
LSZH thermoplastic	AMC Low Smoke (OH)	Zero halogen	Minimal	Occupant evacuation and equipment protection
HFFR over EPR	Corronex LR	Halogen free	Low smoke	Lloyd's Register classed vessel installation
Rubber over butyl	Batt-Weld	Contains halogen	Standard	Flame retardant sheath, extreme flexibility

THIN WALL TWISTED PAIRS

Twisted pair and double twisted pair

AMC **OCEANFLEX**



Twisted pair construction cancels induced noise on signal and sensor runs. TWST04/01 is a double twisted pair — two independently twisted pairs, blue/white and brown/black, inside one black sheath. TWST02/02 is a single unsheathed green and yellow pair.

Part No	Type	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Core colours	Reel sizes (m)
a TWST04/01	Double twisted pair	4 × 24/0.20	4 × 0.75mm	6.25	14	Black	Twist One – Blue, White / Twist Two – Brown, Black	2500
b TWST02/02	Twisted pair	2 × 16/0.20	2 × 0.5mm	3.2	11.0	None	Green, Yellow	30, 100, 5000

Speciality cables

BATT-WELD TO 600V · EARTH-BOND TINNED BRAIDS · STEREO SPEAKER TWIN · PVC HIGH TENSION IGNITION CABLE

AMC BATT-WELD

Double insulated battery / welding cables

AMC **OCEANFLEX**



Double insulated extra flexible battery / welding cables designed to withstand severe climatic and mechanical conditions. The sheath remains flexible at both high and low temperatures and is **flame retardant**. Manufactured in accordance with BS:EN60228 — tinned copper conductors (orange only). High temperature separator, butyl rubber insulation, rubber sheath 85°C.

AMC BATT-WELD is a dual purpose, highly flexible, durable copper cable designed for high-amperage applications up to **600V**, featuring fine-stranded conductors and robust EPDM or neoprene insulation. Excellent resistance to heat, abrasion, oil and moisture makes it reliable for welding equipment, battery banks, marine systems and high-performance electrical setups.

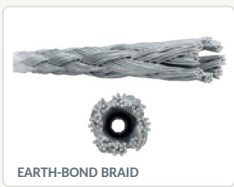
Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Sheath colour	Reel sizes (Metres)
W16	513/0.20	16	9.7	175	Black†, Orange	100
W25	783/0.20	25	11.2	230	Black†, Orange	100
W35	1107/0.20	35	12.4	290	Black†, Orange	100
W50	1566/0.20	50	14.3	370	Black†, Orange	100
W70	2214/0.20	70	16.3	460	Black†, Orange	100

† Copper conductors on the black sheathed cables are not tinned. The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown.

AMC EARTH-BOND

Tinned copper earthing braids

AMC **OCEANFLEX**



Manufactured in accordance with BS:EN13602:2002, where applicable. Tinned copper conductors. Earth-bonding cables are designed to enhance electrical safety by providing a low-resistance path to ground, helping prevent electric shock and reduce fire risks.

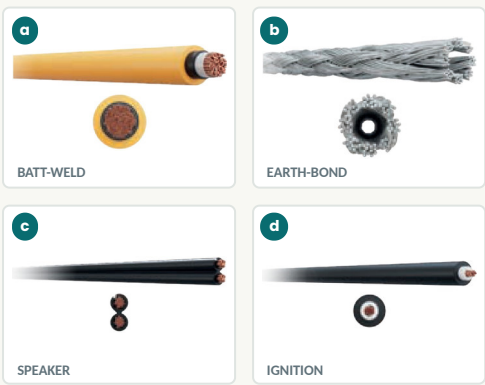
Made from high-conductivity copper and available in flexible stranded or braided designs, they offer durability, easy installation and reliable performance even in environments with vibration or moisture. Standardised green/yellow insulation and secure connection options ensure consistent voltage across metal components while protecting against surges and lightning.

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Nominal current rating (Amps)	Configuration	Reel sizes (Metres)
400	16/16/0.30	19	7.2	110.0	Round	10
401	16/32/0.30	37	10.5	180.0	Round	10, 30

SPECIALITY RANGE

Where the speciality cables are used

AMC **OCEANFLEX**



The AMC SPECIALITY cable range delivers high-performance, durable and flexible solutions engineered to meet the demands of diverse electrical applications across multiple industries — from BATT-WELD for high-amperage welding, marine, battery and industrial power systems, to EARTH-BOND for critical safety and grounding across residential, commercial and industrial infrastructure.

Range	Sector	Typical circuits
a AMC BATT-WELD	Welding and repair, marine, energy, mining	Welding sets, battery banks, booster and jumper cables, inverters, RV and solar power installations
b AMC EARTH-BOND	Construction, utilities, manufacturing, petrochemical	Earth bonding, lightning protection, distribution boards and cabinets, switchgear and switchboards

Speciality cables (continued)

BATT-WELD TO 600V · EARTH-BOND TINNED BRAIDS · STEREO SPEAKER TWIN · PVC HIGH TENSION IGNITION CABLE

SPECIALITY RANGE

Where the speciality cables are used (continued – figures a–d on the previous page)

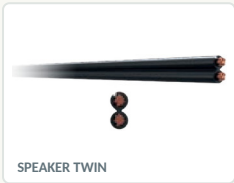
AMC **OCEANFLEX**

Range	Sector	Typical circuits
c AMC SPEAKER	Audio-visual, home and commercial sound	Audio and entertainment systems, appliances, temporary installations
d AMC IGNITION	Engine applications, agriculture, industrial	Ignition systems, high-voltage transfer to spark plugs, EMI suppression

AMC SPEAKER

Stereo speaker twin cables

AMC **OCEANFLEX**



AMC Speaker “figure 8” (zip cord) cable features a twin, side-by-side design that delivers high flexibility and easy handling, making it simple to route around corners, behind walls or under carpets. Clearly marked polarity and easy-to-split cores ensure quick, error-free installation.

Available in five sizes, it provides versatile performance for everything from bookshelf speakers to full home theatre and background audio systems. PVC insulated -30°C to 70°C; please refer to single core for resistance values.

Part No	Conductor specification (mm)*	Cross section (mm²)	Max overall dimensions (mm)	Nominal current rating (Amps)**	Sheath colours	Reel sizes (Metres)
550	2 × 12/0.20	2 × 0.35	3.6 × 1.7	2	Black—Black/White	30, 100, 500
551	2 × 16/0.20	2 × 0.5	3.9 × 1.9	3	Black—Black/White	30, 100, 500
552	2 × 24/0.20	2 × 0.75	4.3 × 2.1	6	Black—Black/Red	30, 100, 500
553	2 × 32/0.20	2 × 1.0	4.7 × 2.3	10	Black—Black/Blue	30, 100
554	2 × 21/0.30	2 × 1.5	5.9 × 2.9	15	Black—Black/White	30, 100

Please contact the Sales Team if the colour combination you require is not listed.

AMC IGNITION

PVC ignition cable (high tension)

AMC **OCEANFLEX**



PVC high-tension ignition cables deliver reliable high-voltage insulation, ensuring efficient power transfer to spark plugs while preventing energy loss. Their flame-retardant, chemically resistant and durable construction provides safe, long-lasting performance in harsh engine environments exposed to heat, oil and abrasion. Flexible and cost-effective, they also support easy installation and EMI suppression.

Part No	Conductor specification (mm)	Cross section (mm²)	Max overall diameter (mm)	Sheath colours	Reel sizes (Metres)
74	09 /0.30	0.65	5.1	Black, Red	30, 100
77	21/0.30	1.5	7.0	Black, Red	30, 100

MAKE TO ORDER

Beyond the listed range

AMC **OCEANFLEX**



Don't forget, AMC manufacture their cables in the UK — as well as the listed range, they also make to order. Special colours, any combination of bi-colour stripe, and multi-core combinations not usually available: a client could specify a 5 core with each core a different mm² to suit a particular application.

Make-to-order option	Applies to	Notes
Special sheath or core colours	All ranges	MOQs may apply; ask the AMC Sales Team
Bi-colour stripe combinations	Single core Thin Wall, Oceanflex, Tri-Rated, LSZH	Any combination of two of the listed colours

Speciality cables & Assembled leads

READY-MADE BATTERY AND EARTHING LEADS · 16 MM² FLEXIBLE COPPER AND 19 MM² TINNED BRAID · RING OR BATTERY TERMINAL ENDS

MAKE TO ORDER

Beyond the listed range (continued)

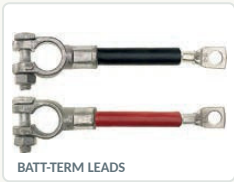
AMC **OCEANFLEX**

Make-to-order option	Applies to	Notes
Mixed cross section multi-cores	Thin Wall and Oceanflex multi-core	Each core can be a different mm ² section
Bespoke lengths and branding	Oceanflex	Printed specification and customer branding
Custom packaging	Thin Wall, Tri-Rated	Barrel pack up to 10,000m, box pack up to 6,000m

AMC BATT-TERM

Flexible copper conductors – ring to ring

AMC **OCEANFLEX**



BATT-TERM LEADS

AMC BATT-TERM battery terminal leads are the critical conductive metal components that link a battery to the electrical system, acting as the gateway for power to enter or exit. They are designed to facilitate high-current flow for starting and operating, ensuring a secure and efficient connection. Offering 7 different lengths from **225mm** through to **915mm**, black and red, with 8mm hole ring terminal or universal fitting.

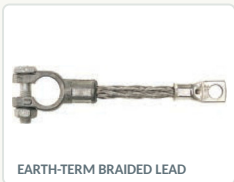
Suitable for cars and light commercial vehicles. **16mm² flexible copper conductors, PVC insulated. Ring terminals: 8mm hole. Available in black (B) or red (R).**

Part No	Length (mm)	Pack size	Part No	Length (mm)	Pack size
Ring terminal both ends — 16mm ² flexible copper, PVC insulated			Battery terminal to ring — universal battery terminal, 8mm ring		
BS101	225	10	BS201	225	10
BS102	300	10	BS202	300	10
BS103	375	10	—	—	—
BS104	450	10	BS204	450	10
BS105	600	10	BS205	600	10
BS106	760	10	BS206	760	10
BS107	915	10	BS207	915	10

AMC EARTH-TERM

Braided cable – 19mm² round tinned copper braid

AMC **OCEANFLEX**



EARTH-TERM BRAIDED LEAD

AMC EARTH-TERM are braided earth terminals: highly flexible, conductive connectors used to ground electrical equipment, machinery and vehicles, safely channelling fault currents and preventing electromagnetic interference (EMI). Constructed by weaving multiple fine strands of copper (often tinned for corrosion resistance) into a flat or round shape, they offer superior durability in high-vibration environments compared to solid wire.

Available in 7 lengths from **150mm** through to **750mm** with 8mm hole ring terminal or universal fitting. **19mm² round braided tinned copper conductors.**

Part No	Length (mm)	Pack size	Part No	Length (mm)	Pack size
Ring terminals both ends — 8mm hole			Battery terminal to ring — universal battery terminal		
BS300	150	10	—	—	—
BS301	225	10	BS501	225	10
BS302	300	10	BS502	300	10
BS303	375	10	BS503	375	10
BS304	450	10	BS504	450	10
BS305	600	10	BS505	600	10
BS306	760	10	BS506	760	10

The AMC Assembly range delivers high-performance connection and grounding solutions engineered for safety, reliability and versatility across critical power systems — starting systems, marine power, renewable energy storage, UPS and data centres, and industrial mobility equipment.

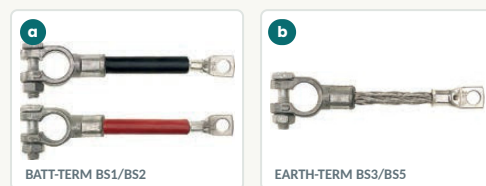
Assembled leads & Pre insulated terminals

COLOUR CODED RED 0.5–1.5 MM² · BLUE 1.5–2.5 MM² · YELLOW 4.0–6.0 MM² · BAG QUANTITIES 50, 1000

CHOOSING A LEAD

The four assembled lead families side by side

AMC **OCEANFLEX**



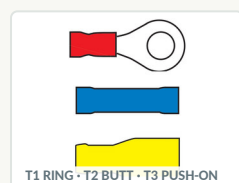
Four families cover the standard requirement: PVC insulated copper or bare tinned braid, and ring-to-ring or battery-terminal-to-ring. Where a length or a termination outside the table is needed, Custom Marine assembles the lead to order from Oceanflex cable.

Series	Conductor	End A	End B	Lengths offered (mm)	Colours
a BS101 – BS107	16mm ² flexible copper, PVC insulated	Ring terminal, 8mm hole	Ring terminal, 8mm hole	225, 300, 375, 450, 600, 760, 915	Black (B) or red (R)
a BS201 – BS207	16mm ² flexible copper, PVC insulated	Universal battery terminal	Ring terminal, 8mm hole	225, 300, 450, 600, 760, 915	Black (B) or red (R)
b BS300 – BS306	19mm ² round braided tinned copper	Ring terminal, 8mm hole	Ring terminal, 8mm hole	150, 225, 300, 375, 450, 600, 760	Bare braid
b BS501 – BS506	19mm ² round braided tinned copper	Universal battery terminal	Ring terminal, 8mm hole	225, 300, 375, 450, 600, 760	Bare braid

RINGS, BUTTS AND FEMALE PUSH-ON

Pre insulated terminals – T1, T2 and T3 series

AMC **OCEANFLEX**



High quality pre insulated terminals suitable for use with all standard cables from 0.5 mm² to 6.0 mm². The easy entry funnel guides the stripped conductor into the barrel without splaying the strands. Bag quantities 50, 1000.

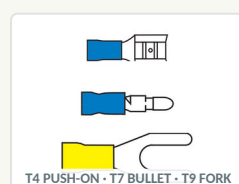
Each column is one insulation colour band. The size quoted is the ring stud hole for T1xx, and the blade width for T3xx female push-on receptacles. T2xx are butt connectors, sized by the cable band.

0.5–1.5 mm ² · 16/0.20–21/0.30		1.5–2.5 mm ² · 21/0.30–35/0.30		4.0–6.0 mm ² · 56/0.30–84/0.30	
Part No	Size	Part No	Size	Part No	Size
T101	3.2mm	T106	3.2mm	T121	4.3mm
T102	3.7mm	T107	3.7mm	T112	5.3mm
T117	4.3mm	T119	4.3mm	T113	6.4mm
T103	5.3mm	T108	5.3mm	T114	8.4mm
T104	6.4mm	T109	6.4mm	T115	10.0mm
T105	8.4mm	T110	8.4mm	T116	13.0mm
T118	10.0mm	T111	10.0mm	T203	Butt connector
T201	Butt connector	T202	Butt connector	T303	6.3mm
T300	4.8mm	T305	4.8mm	T304	9.5mm
T301	6.3mm	T302	6.3mm	—	—

BLADES, BULLETS, PINS AND FORKS

Pre insulated terminals – T4 to T9 series

AMC **OCEANFLEX**



T4xx are fully insulated female push-on receptacles, T5xx male push-on blades, T6xx piggy-back receptacles, T7xx male bullets, T8xx female bullets and flat pins, and T9xx fork (spade) terminals. Sizes are the blade width, bullet diameter or fork stud size as appropriate.

0.5–1.5 mm ² · red band		1.5–2.5 mm ² · blue band		4.0–6.0 mm ² · yellow band	
Part No	Size	Part No	Size	Part No	Size
T401	2.8mm	T404	2.8mm	T406	6.3mm
T402	4.8mm	T405	4.8mm	T407	9.5mm

Pre insulated terminals & Heat shrink terminals

COLOUR CODED RED 0.5–1.5 MM² · BLUE 1.5–2.5 MM² · YELLOW 4.0–6.0 MM² · BAG QUANTITIES 50, 1000

BLADES, BULLETS, PINS AND FORKS

Pre insulated terminals T4 to T9 series (continued)

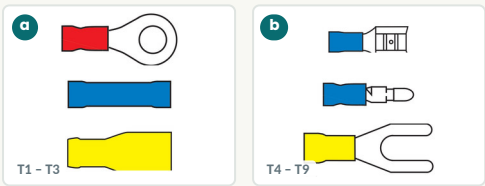
AMC **OCEANFLEX**

0.5–1.5 mm ² · red band		1.5–2.5 mm ² · blue band		4.0–6.0 mm ² · yellow band	
Part No	Size	Part No	Size	Part No	Size
T403	6.3mm	T408	6.3mm	T503	6.3mm
T501	6.3mm	T502	6.3mm	T603	6.3mm
T601	6.3mm	T602	6.3mm	T704	5.0mm
T701	4.0mm	T702	4.0mm	T804	5.0mm
T801	4.0mm	T703	4.0mm	T809	Pin width 2.7mm, length 13mm
T807	Pin width 1.9mm, length 13mm	T802	Pin width 1.9mm, length 13mm	T907	3.7mm
T901	3.7mm	T803	3.7mm	T909	6.4mm
T902	5.3mm	T808	5.3mm	—	—
—	—	T904	3.7mm	—	—
—	—	T707	4.3mm	—	—
—	—	T905	5.3mm	—	—
—	—	T906	5.3mm	—	—

STYLE KEY

Reading a pre insulated part number

AMC **OCEANFLEX**



The first digit after the T identifies the terminal style, and the insulation colour identifies the cable band. Crimp with TT301, TT304, TT308, TT84 or TT320 — see the tools pages at the end of this chapter.

Series	Style	Sizes offered	Series	Style	Sizes offered
a T1xx	Ring terminal	3.2 – 13.0mm stud	b T6xx	Piggy-back receptacle	6.3mm
a T2xx	Butt connector	By cable band	b T7xx	Male bullet	4.0, 4.3, 5.0mm
a T3xx	Female push-on, insulated	4.8, 6.3, 9.5mm	b T8xx	Female bullet and flat pin	3.7, 4.0, 5.0, 5.3mm
b T4xx	Female push-on, fully insulated	2.8, 4.8, 6.3, 9.5mm	b T9xx	Fork (spade) terminal	3.7, 5.3, 6.4mm
b T5xx	Male push-on blade	6.3mm	—	—	—

EASY ENTRY — PACK SIZES 10, 100

Heat shrink pre insulated terminals

AMC **OCEANFLEX**



Heat shrink pre insulated terminals that provide a **long lasting environmental seal**: crimp as normal, then warm the sleeve with a hot air gun and it shrinks tight onto the cable jacket, locking out moisture and salt — the termination every surveyor wants to see on deck fittings, bilge pumps and navigation light circuits.

Note the third band on this range is **3.0–6.0 mm²** (44/0.30–84/0.30), one step wider at the bottom than the standard pre insulated range.

0.5–1.5 mm ² · 16/0.20–21/0.30		1.5–2.5 mm ² · 21/0.30–35/0.30		3.0–6.0 mm ² · 44/0.30–84/0.30	
Part No	Size	Part No	Size	Part No	Size
HT117	4.3mm	HT119	4.3mm	HT112	5.3mm
HT103	5.3mm	HT108	5.3mm	HT113	6.3mm
HT104	6.4mm	HT109	6.4mm	HT114	8.4mm
HT207	Butt connector	HT208	Butt connector	HT209	Butt connector
HT403	6.3mm	HT405	6.3mm	HT406	6.3mm

Heat shrink terminals & Self stripping connectors

ADHESIVE-LINED ENVIRONMENTAL SEAL · PACK SIZES 10, 100 · THE MARINE-GRADE TERMINAL FOR EXPOSED RUNS

EASY ENTRY — PACK SIZES 10, 100

Heat shrink pre-insulated terminals (continued)

AMC **OCEANFLEX**

0.5–1.5 mm ² · 16/0.20–21/0.30		1.5–2.5 mm ² · 21/0.30–35/0.30		3.0–6.0 mm ² · 44/0.30–84/0.30	
Part No	Size	Part No	Size	Part No	Size
HT501	6.3mm	HT502	6.3mm	HT503	6.3mm
HT701	4.0mm	HT703	5.0mm	HT704	5.0mm
HT801	4.0mm	HT803	5.0mm	HT804	5.0mm

CRIMP-FREE JOINT

Heat shrink solder butt connectors

AMC **OCEANFLEX**



SBT SOLDER BUTT

Solder butt connectors with adhesive lined heat shrink sleeving. **Fitting hints:** the stripped wires are inserted into the terminal and heat is applied with a hot air gun. The solder flows connecting the cables and the adhesive lined heat shrink sleeve reduces to form a seal — a soldered, sealed splice in one operation with no crimp tool needed. Pack sizes: 10, 100.

Part No	Suitable for cables (mm ²)	Colour	Internal diameter (mm)	Pack sizes
SBT2	0.5–1.0	Red	2.7	10, 100
SBT3	1.5–2.5	Blue	4.5	10, 100
SBT4	4.0–6.0	Yellow	6.0	10, 100

SELECTION GUIDE

Six terminal styles across three insulation bands

AMC **OCEANFLEX**



HT HEAT SHRINK

Six terminal styles run right through the range, each offered in all three insulation bands, so one crimp tool and one hot air gun cover every cable size aboard. The insulation colour codes the band — **red 0.5–1.5 mm²**, **blue 1.5–2.5 mm²**, **yellow 3.0–6.0 mm²** — and the table reads across so a style can be ordered straight off the cable size on the drawing.

Style	Red band	Blue band	Yellow band	Sizes offered
Ring terminal	HT117 · HT103 · HT104	HT119 · HT108 · HT109	HT112 · HT113 · HT114	4.3 / 5.3 / 6.4mm red and blue, 5.3 / 6.3 / 8.4mm yellow
Butt connector	HT207	HT208	HT209	Sized by cable band
Female push-on	HT403	HT405	HT406	6.3mm
Male push-on	HT501	HT502	HT503	6.3mm
Male bullet	HT701	HT703	HT704	4.0mm red, 5.0mm blue and yellow
Female bullet	HT801	HT803	HT804	4.0mm red, 5.0mm blue and yellow
Solder butt splice	SBT2	SBT3	SBT4	2.7 / 4.5 / 6.0mm internal diameter

QUICK TAP CONNECTIONS

Self stripping connectors

AMC **OCEANFLEX**



S906 · S561 · S563



S953 · S954

A range of self stripping connectors that provide a quick yet simple way of making an electrical connection — tapping a feed from a main cable without cutting the run. S953 taps a 6.3mm blade from the main cable; S954 is the fully insulated male terminal boot, which is compatible with S953.

Part No	Main cable conductor (mm ²)	Tap cable conductor (mm ²)	Connecting terminal (mm)	Pack sizes
a S906	0.5–1.0	0.65	—	100, 500
a S561	1.5–2.5	0.65–2.0	—	100, 1000

Self stripping connectors & Non insulated terminals

QUICK TAPS WITHOUT CUTTING THE RUN • BRASS BULLETS • FLEXIBLE CABLE CONNECTOR STRIPS

QUICK TAP CONNECTIONS

Self stripping connectors (continued — figures a–b on the previous page)

AMC **OCEANFLEX**

Part No	Main cable conductor (mm ²)	Tap cable conductor (mm ²)	Connecting terminal (mm)	Pack sizes
a S563	4.0–6.0	3.0–4.5	—	100
b S953	1.5–2.5	—	6.3 Blade	100
b S954	1.5–2.5	—	6.3 Male	100

BRASS BULLETS & CONNECTORS

Bullets, single and double connectors

AMC **OCEANFLEX**



Brass bullets suitable for crimping, with single and two-way common connectors to join them. The classic bullet-and-sleeve joint used throughout traditional harnesses, and still the neatest way to make a joint that can be pulled apart for service.

Part No	Type	To fit strand (mm)	To fit cable (mm ²)	Sleeve colour	Pack size
T911	Brass bullet	14/0.30	1.0	—	100
T912	Brass bullet	28/0.30	2.0	—	100
T915	Single bullet connector	—	—	Black	100
T917	2 way common bullet connector	—	—	Black	100

CONNECTOR STRIPS

Flexible cable connector strips

AMC **OCEANFLEX**



Twelve-way screw connector strips in flexible PVC, cut to the number of ways needed with a knife. Rated 3, 5 or 15 amps according to size, in black or natural.

Part No	Current rating (Amps)	To fit cables (mm ²)	Colours available	Pack size
FC719	3	Up to 2.5	Black	10
FC720	5	Up to 4.0	Black, Natural	10
FC721	15	Up to 10.0	Black, Natural	10

SUPERSEAL AND MATE-N-LOCK TERMINALS

Loose terminals and seals for the housing ranges

AMC **OCEANFLEX**



Loose terminals, seals and cavity plugs for the Superseal and Mate-N-Lock housing ranges on the following pages. **SSTY1** (SSSY1) is the rubber seal and **SSP1** the rubber cavity plug used to blank an unused way in a Superseal housing.

Part No	Description	Suitable for cables (mm ²)	Pack sizes
a SSTM1	Male superseal terminal	1.0–1.5	100, 1000
a SSTF1	Female superseal terminal	1.0–1.5	100, 1000
a SSTY1	Rubber seal for superseal (listed as SSSY1 on the Superseal pages)	—	100, 1000
a SSP1	Rubber cavity plug for superseal	—	100, 1000
b MNTM1	Mate-N-Lock male pin terminal	0.5–2.5	100, 1000
b MNTF1	Mate-N-Lock female pin terminal	0.5–2.5	100, 1000

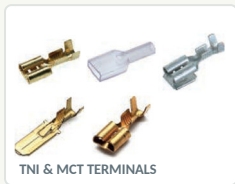
Non insulated terminals (continued)

6.3MM BRASS TERMINALS, BOOTS AND PIGGY-BACKS · LOCKING-NOTCH TERMINALS FOR THE MULTIPLE CONNECTORS · OEM FUSE BOX TERMINALS

6.3MM BRASS TERMINALS

Non insulated terminals and boots

AMC **OCEANFLEX**



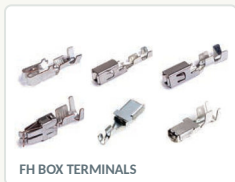
Non insulated brass terminals for use where the joint is sleeved separately or enclosed in a housing. **MCTM1** and **MCTF1** carry the locking notch that retains them in the multiple connector housings on the following page.

Part No	Description	Suitable for cables (mm ²)	Pack sizes
TNIF63	6.3mm non insulated terminal	1.0–2.5	50, 1000
TNIB63	6.3mm non insulated terminal boot	0.65–1.5	50, 1000
TNIP63	6.3mm non insulated piggy back terminal	0.65–1.0	50, 1000
MCTM1	6.3mm male brass terminal with locking notch, for all multiple connectors	0.75–2.0	50, 1000
MCTF1	6.3mm female brass terminal with locking notch, for all multiple connectors	1.0–2.5	50, 1000

OEM FUSE AND RELAY BOX TERMINALS

Uni F630, Mini F280 and STP F630 terminals

AMC **OCEANFLEX**



Loose terminals for the OEM modular fuse and relay boxes and fuse holders later in this chapter. Each carries the manufacturer part number so it can be cross-referenced against an existing build, and the AMC part number to order against.

Part No	Terminal type	Cable sizes (mm ²)	MTA part number	Suitable for	Pack size
FH245T	Uni F630 terminal	0.5–1.5	1107900	FH241	100
FH249TR	Uni F630 terminal	2.0–3.0	1707902	FBB4U, FBB6U, FBB8U, FBB16U, FH210	100
FH241S	Rubber seal	0.5–1.5	4507770	FH241	100
FH242S	Rubber seal	2.0–3.0	4507771	FH242	100
FH290T	Mini F280 terminal	0.35–0.75	1108330	FH360, FH365, FH385	100
FH300T	Mini F280 terminal	1.0–2.0	1108331	FH360, FH365, FH385	100
FH307TR	Mini F280 bus bar terminal	1.0–2.0	1708335	FH360, FH365, FH385	100
FH260T	Mini F280 terminal	2.5–4.0	1108332	FH360, FH365, FH385	100
FH265T	STP F630 terminal	2.5–4.0	1102050	FH365, FH370, FH375, FH385, FH390	100
FH270T	JPT F280 terminal	1.5–2.5	1105630	FH365, FH370, FH375, FH390	100
FH305T	F950 terminal	2.5–5.0	1107740	FH375, FH385	20
FH306T	F950 terminal	6.0–8.0	1107741	FH375, FH385	20
FH250T	Uni F630 terminal with clip	0.5–1.5	1107920	FH210, FH241	100
FH310T	2.8mm locking notch terminal	0.5–1.0	1101700	RB8, RB10	100
FH315T	4.8mm locking notch terminal	0.5–1.0	1101710	RB9, FH375	100
FH325T	9.5mm locking notch terminal	6.0–10.0	1101720	RB10	100
FH510T	F800 terminal	1.5–2.5	1107650	FH510, FH380	20
FH520T	F800 terminal	4.0–6.0	1107660	FH380, FH520, FH602	20

Custom Marine stocks AMC cable by the reel and the box pack in Dubai and cuts to length for refit and new build — 800BOATS.

Non insulated terminals & Connector housings

QUICK RELEASE NYLON HOUSINGS · 1 TO 11 WAY LOCKING TERMINALS · 2 TO 15 WAY PIN HOUSINGS · IP67 SUPERSEAL 1 TO 6 WAY

OEM FUSE AND RELAY BOX TERMINALS

Uni-Flex, Mini-Flex and Superflex terminals (continued)

AMC **OCEANFLEX**

Part No	Terminal type	Cable sizes (mm ²)	MTA part number	Suitable for	Pack size
FH530T	F800 terminal	8.0–10.0	1107670	FH380, FH530, FH603	20
FH540T	F800 terminal	16	1107671	FH540, FH604, FH380	20

MULTIPLE CONNECTORS & TERMINALS

Quick release nylon connector housings

AMC **OCEANFLEX**



Quick release nylon connector housings for male and female locking terminals. Available in natural (N); the **11 way is black only**. Pack sizes 10, 100. Use MCTM1 male and MCTF1 female 6.3mm brass terminals with locking notch, listed on the previous page.

Male housing	Ways	Female housing	Ways	Male housing	Ways	Female housing	Ways
MCM1	1 Way Male	MCF1	1 Way Female	MCM4	4 Way Male	MCF4	4 Way Female
MCM2	2 Way Male	MCF2	2 Way Female	MCM6	6 Way Male	MCF6	6 Way Female
MCM2T	2 Way Male	MCF2T	2 Way Female	MCM8	8 Way Male	MCF8	8 Way Female
MCM3	3 Way Male	MCF3	3 Way Female	MCM11	11 Way Male	MCF11	11 Way Female

MATE-N-LOCK CONNECTORS

Quick release nylon housings for pin terminals

AMC **OCEANFLEX**



Quick release nylon connector housings for male and female pin terminals, 2 to 15 ways. Available in natural (N). Pack sizes 10, 100. Use MNTM1 male and MNTF1 female pin terminals, suitable for cables 0.5–2.5 mm².

Male housing	Ways	Female housing	Ways	Male housing	Ways	Female housing	Ways
MNM2	2 Way Male	MNF2	2 Way Female	MNM9	9 Way Male	MNF9	9 Way Female
MNM3	3 Way Male	MNF3	3 Way Female	MNM12	12 Way Male	MNF12	12 Way Female
MNM6	6 Way Male	MNF6	6 Way Female	MNM15	15 Way Male	MNF15	15 Way Female

SUPERSEAL CONNECTORS — MALE

Waterproof to IP67, 1 to 6 way

AMC **OCEANFLEX**



Superseal connectors are compact, high quality products designed for applications where a **waterproof joint** is required. The connectors are suitable for cable sizes 0.5 mm² to 1.5 mm². Supplied in male or female kit form, comprising the housing, terminals and seals, or as separate parts. **Waterproof to IP67.**

Part No	Description	Pack size	Part No	Description	Pack size
a SS1M	1 Way Male Housing + Terminal + Seal	1 Kit	a SS1MH	1 Way Male Housing Only	10
b SS2M	2 Way Male Housing + Terminals + Seals	1 Kit	b SS2MH	2 Way Male Housing Only	10
SS3M	3 Way Male Housing + Terminals + Seals	1 Kit	SS3MH	3 Way Male Housing Only	10
SS4M	4 Way Male Housing + Terminals + Seals	1 Kit	SS4MH	4 Way Male Housing Only	10
SS5M	5 Way Male Housing + Terminals + Seals	1 Kit	SS5MH	5 Way Male Housing Only	10
SS6M	6 Way Male Housing + Terminals + Seals	1 Kit	SS6MH	6 Way Male Housing Only	10

Connector housings & Mini blade fuses

QUICK RELEASE NYLON HOUSINGS · 1 TO 11 WAY LOCKING TERMINALS · 2 TO 15 WAY PIN HOUSINGS · IP67 SUPERSEAL 1 TO 6 WAY

SUPERSEAL CONNECTORS — FEMALE

The matching female housings and kits

AMC **OCEANFLEX**



The matching female half. Order the kit (housing, terminals and seals) for a new build, or the housing only where loose SSTM1, SSTF1, SSSY1 and SSP1 terminals and seals are already held.

Part No	Description	Pack size	Part No	Description	Pack size
a SS1F	1 Way Female Housing + Terminal + Seal	1 Kit	a SS1FH	1 Way Female Housing Only	10
b SS2F	2 Way Female Housing + Terminals + Seals	1 Kit	b SS2FH	2 Way Female Housing Only	10
SS3F	3 Way Female Housing + Terminals + Seals	1 Kit	SS3FH	3 Way Female Housing Only	10
c SS4F	4 Way Female Housing + Terminals + Seals	1 Kit	c SS4FH	4 Way Female Housing Only	10
SS5F	5 Way Female Housing + Terminals + Seals	1 Kit	SS5FH	5 Way Female Housing Only	10
SS6F	6 Way Female Housing + Terminals + Seals	1 Kit	SS6FH	6 Way Female Housing Only	10

Superseal housings can be interfaced with CTPA convoluted conduit using the CFI and CFIR conduit fitting interfaces listed on the conduit page — the 90° version allows the conduit to rotate 360° around the connector housing.

CONNECTOR SELECTION

Which housing family for which joint

AMC **OCEANFLEX**



Three connector families cover the standard requirement, and the terminal decides which one. Multiple connectors take the 6.3mm locking-notch blade terminals; Mate-N-Lock takes round pin terminals; Superseal takes its own sealed terminal and seal set and is the only one of the three rated IP67.

Family	Ways available	Terminal	Cable range (mm ²)	Sealed	Colour
Multiple connectors (MC)	1, 2, 2T, 3, 4, 6, 8, 11	a MCTM1 / MCTF1	0.75–2.5	No	Natural (11 way black only)
Mate-N-Lock (MN)	2, 3, 6, 9, 12, 15	b MNTM1 / MNTF1	0.5–2.5	No	Natural
Superseal (SS)	1, 2, 3, 4, 5, 6	c SSTM1 / SSTF1 + SSTY1 seal	0.5–1.5	Yes, IP67	Grey / black

Blank an unused Superseal way with the SSP1 rubber cavity plug — an open cavity defeats the IP67 rating of the whole connector.

LOW PROFILE MINI FUSES

OEM quality — LP series

AMC **OCEANFLEX**



OEM quality fuses, specifically designed to save space and weight in the latest vehicles. These fuses can be **individually tested for continuity whilst installed** — the exposed metal at the top of the fuse takes a test probe without pulling the fuse.

Part No	Rating (Amps)	Colour	Pack size	Part No	Rating (Amps)	Colour	Pack size
LP02	2	Grey	10	LP10	10	Red	10
LP03	3	Violet	10	LP15	15	Blue	10
LP04	4	Pink	10	LP20	20	Yellow	10
LP05	5	Tan	10	LP25	25	Clear	10
LP07	7.5	Brown	10	LP30	30	Green	10

Mini blade fuses & Blade fuses

LOW PROFILE MINI · MINI BLADE OEM AND AFTERMARKET · 2 TO 30 AMPS · COLOUR CODED TO THE INDUSTRY SCALE

AFTERMARKET MINI BLADE FUSES

FLA series – budget price, full performance

AMC **OCEANFLEX**



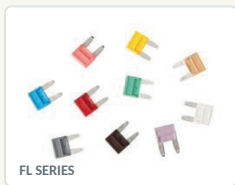
Designed to meet the highest standards of performance yet achieve budget price levels. These fuses can be individually tested for continuity whilst installed. Bulk pack sizes 50 and 1000 for workshop and production use.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
FLA02	2	Grey	50, 1000	FLA10	10	Red	50, 1000
FLA03	3	Violet	50, 1000	FLA15	15	Blue	50, 1000
FLA04	4	Pink	50, 1000	FLA20	20	Yellow	50, 1000
FLA05	5	Tan	50, 1000	FLA25	25	Clear	50, 1000
FLA07	7.5	Brown	50, 1000	FLA30	30	Green	50, 1000

MINI BLADE FUSES

FL series – OEM quality

AMC **OCEANFLEX**



OEM quality fuses; this high quality product is fitted as standard by many European vehicle builders. Pack sizes 10 and 100 for service stock. See the fuse holder and fuse box pages for the matching holders.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
FL02	2	Grey	10, 100	FL10	10	Red	10, 100
FL03	3	Violet	10, 100	FL15	15	Blue	10, 100
FL04	4	Pink	10, 100	FL20	20	Yellow	10, 100
FL05	5	Tan	10, 100	FL25	25	Clear	10, 100
FL07	7.5	Brown	10, 100	FL30	30	Green	10, 100

Colour coding is the international scale and is common to the LP, FLA and FL ranges: 2A grey, 3A violet, 4A pink, 5A tan, 7.5A brown, 10A red, 15A blue, 20A yellow, 25A clear, 30A green.

AFTERMARKET BLADE FUSES

FBA series

AMC **OCEANFLEX**



Designed to meet the highest standards of performance yet achieve budget price levels. These fuses can be individually tested for continuity whilst installed. Standard 19mm blade format, pack sizes 50 and 1000.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
FBA03	3	Violet	50, 1000	FBA15	15	Blue	50, 1000
FBA04	4	Pink	50, 1000	FBA20	20	Yellow	50, 1000
FBA05	5	Tan	50, 1000	FBA25	25	Clear	50, 1000
FBA07	7.5	Brown	50, 1000	FBA30	30	Green	50, 1000
FBA10	10	Red	50, 1000	—	—	—	—

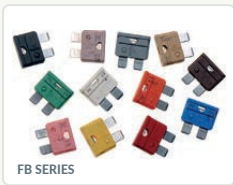
Blade fuses & Maxi blade fuses

AFTERMARKET FBA · OEM FB · LED BLADE FUSES THAT SHOW WHICH ONE HAS BLOWN · 1 TO 40 AMPS

BLADE FUSES

FB series – OEM quality, 1 to 40 amps

AMC **OCEANFLEX**



OEM quality fuses. This high quality product is fitted as standard by many European vehicle builders. The FB range extends from **1 amp black** up to **40 amp orange** — note that FB25 is white where the aftermarket FBA25 is clear.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
FB01	1	Black	50, 1000	FB10	10	Red	50, 1000
FB02	2	Grey	50, 1000	FB15	15	Blue	50, 1000
FB03	3	Violet	50, 1000	FB20	20	Yellow	50, 1000
FB04	4	Pink	50, 1000	FB25	25	White	50, 1000
FB05	5	Tan	50, 1000	FB30	30	Green	50, 1000
FB07	7.5	Brown	50, 1000	FB40	40	Orange	50, 1000

LED BLADE FUSES

FBL series – the LED glows when the fuse has blown

AMC **OCEANFLEX**



Blade fuses fitted with an LED. The built-in LED on the top of the fuse glows when the fuse has blown — a blown circuit is found by looking at the fuse box rather than by pulling and testing every fuse in turn. The range runs to **35 amp turquoise** and **40 amp orange**.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
FBL02	2	Grey	10, 100	FBL15	15	Blue	10, 100
FBL03	3	Violet	10, 100	FBL20	20	Yellow	10, 100
FBL04	4	Pink	10, 100	FBL25	25	Clear	10, 100
FBL05	5	Tan	10, 100	FBL30	30	Green	10, 100
FBL07	7.5	Brown	10, 100	FBL35	35	Turquoise	10, 100
FBL10	10	Red	10, 100	FBL40	40	Orange	10, 100

AFTERMARKET CIRCUIT BREAKER BLADE FUSES

SCB series – manual trip / reset

AMC **OCEANFLEX**



Suitable for the protection of electrical systems on all types of vehicles. Each circuit breaker features a **manual trip / reset button on top of the fuse**, so a nuisance trip is cleared by pressing the button rather than by carrying a spare fuse. Fits any standard blade fuse holder or fuse box position.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
SCB05	5	Tan	2, 25	SCB20	20	Yellow	2, 25
SCB07	7.5	Brown	2, 25	SCB25	25	White	2, 25
SCB10	10	Red	2, 25	SCB30	30	Green	2, 25
SCB15	15	Blue	2, 25	—	—	—	—

Circuit breaker fuses & maxi blade fuses (continued)

MANUAL TRIP/RESET IN A BLADE FUSE FOOTPRINT · MAXI BLADE FUSES TO 100 AMPS · WHICH HOLDER TAKES WHICH FUSE

AFTERMARKET MAXI BLADE FUSES

FMA series – 20 to 100 amps

AMC **OCEANFLEX**



Designed to meet the highest standards of performance yet achieve budget price levels. Maxi blade format for the larger circuits — winches, thrusters, inverters and distribution feeds.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
FMA20	20	Yellow	10, 100	FMA60	60	Blue	10, 100
FMA30	30	Green	10, 100	FMA70	70	Tan	10, 100
FMA40	40	Orange	10, 100	FMA80	80	Clear	10, 100
FMA50	50	Red	10, 100	FMA100	100	Violet	10, 100

MAXI BLADE FUSES

FMB series – OEM quality

AMC **OCEANFLEX**



OEM quality fuses, used for protecting the larger circuits up to 100 Amps. This high quality product is fitted as standard by many European vehicle builders. Note the colour differences against the aftermarket range at 70 and 80 amps.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
FMB20	20	Yellow	10, 100	FMB60	60	Blue	10, 100
FMB30	30	Green	10, 100	FMB70	70	Light Brown	10, 100
FMB40	40	Orange	10, 100	FMB80	80	White	10, 100
FMB50	50	Red	10, 100	FMB100	100	Violet	10, 100

See the fuse holder pages for FH510, FH520, FH530, FH540, FH602, FH603, FH604, FH620, FH621 and FH625 maxi blade fuse holders, and FH380 for the six-way maxi blade fuse box.

HOLDER CROSS-REFERENCE

Which holder takes which fuse

AMC **OCEANFLEX**



Every fuse format in this chapter has a matching holder or box. Read across from the fuse to the holder, then check the terminal size against the cable that will feed it.



Fuse format	Series	Individual holder	Fuse box or module
Mini blade	LP, FLA, FL, FBL	FH426, FH427, FH585, FH595, FH597	FH360, FH365, FH385
a Standard blade	FBA, FB, FBL, SCB	FH210, FH213, FH220, FH225, FH241, FH242, FH410-FH445, FH545, FH546, FH450	FBB4U, FBB6U, FBB8U, FBB16U, FBB4T, FBB6T, FBB8T, FBB4L, FBB6L, FBB10L, FBB6M
b Maxi blade	FMA, FMB	FH510, FH520, FH530, FH540, FH602, FH603, FH604, FH620, FH621, FH625	FH380, BDB1

Maxi blade fuses & Strip, midi and mega fuses

FS STRIP TO 100A · MD MIDI TO 150A · MF MEGA TO 500A · FC CONTINENTAL · TESTER AND EXTRACTOR

HOLDER CROSS-REFERENCE

Which holder takes which fuse (continued — figures a–d on the previous page)

AMC **OCEANFLEX**

Fuse format	Series	Individual holder	Fuse box or module
c Midi and strip	MD, FS	FH560, FH562	BDB1
d Mega	MF	FH567, FH568, FH569	—
Continental	FC	FH310	—
30mm glass	FG	FH120, FH130, FH140, FH150	—

STRIP FUSES

FS series — OEM quality, to 100 amps

AMC **OCEANFLEX**



OEM quality fuses, for protecting circuits up to 100 amps. The strip fuse bolts directly to a stud pair — the simplest high-current protection there is, and the one that fits the FH560 midi fuse holder as well as a midi fuse.

Part No	Rating (Amps)	Pack size	Part No	Rating (Amps)	Pack size
FS30	30	10	FS60	60	10
FS40	40	10	FS80	80	10
FS50	50	10	FS100	100	10

MIDI FUSES

MD series — OEM quality, to 150 amps

AMC **OCEANFLEX**



OEM quality fuses, for protecting the larger circuits up to 150 amps. Bolt-down midi format on 5mm studs; fits the FH560 and FH562 midi fuse holders and the BDB1 battery distribution fuse box.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
MD30	30	Orange	1, 10	MD80	80	White	1, 10
MD40	40	Green	1, 10	MD100	100	Blue	1, 10
MD50	50	Red	1, 10	MD125	125	Pink	1, 10
MD60	60	Yellow	1, 10	MD150	150	Black	1, 10
MD70	70	Brown	1, 10	—	—	—	—

MEGA FUSES

MF series — OEM quality, to 500 amps

AMC **OCEANFLEX**



OEM quality fuses, for protecting circuits up to 500 amps — the main battery feed, the bow thruster, the inverter. Fits FH567, FH568 and FH569 mega fuse holders.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
MF100	100	Yellow	1, 10	MF225	225	Light Brown	1, 10
MF125	125	Green	1, 10	MF250	250	Pink	1, 10

Strip, midi and mega fuses & PAL fuses

FS STRIP TO 100A • MD MIDI TO 150A • MF MEGA TO 500A • FC CONTINENTAL • TESTER AND EXTRACTOR

MEGA FUSES

MF series — OEM quality, 50500amps (continued)

AMC **OCEANFLEX**

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
MF150	150	Orange	1, 10	MF300	300	Grey	1, 10
MF175	175	White	1, 10	MF400	400	Violet	1, 10
MF200	200	Blue	1, 10	MF500	500	Brown	1, 10

CONTINENTAL FUSES

FC series and the FH310 continental fuse holder

AMC **OCEANFLEX**



Aftermarket continental (torpedo) fuses in four ratings. The FH310 continental fuse holder is an individual holder supplied with an 8 amp fuse; the cable connections are made using the 2 screw down fittings at the ends of the fuse holder. Pack sizes: 10, 100.

Part No	Rating (Amps)	Colour	Pack sizes	Part No	Rating (Amps)	Colour	Pack sizes
FC05	5	Yellow	50, 1000	FC16	16	Red	50, 1000
FC08	8	White	50, 1000	FC25	25	Blue	50, 1000

TEST AND EXTRACT

Blade fuse tester and extractors

AMC **OCEANFLEX**



FBT OEM quality parts, suitable for testing and extracting blade fuses. When the three pins are placed on the exposed metal part of the blade fuse, the **green indicator light will glow if the fuse has not blown**. Individually packed.

FBE OEM quality parts suitable for extracting all types of blade fuses. Pack size 10. FBE stows in the double module cover FH330, which has a dedicated position for the extractor.

Part No	Description	Pack
FBT	Blade fuse tester — three-pin contact, green indicator light glows if the fuse has not blown	Individually packed
FBE	Blade fuse extractor, suitable for all types of blade fuse	10

PAL FUSES (FEMALE)

PF series

AMC **OCEANFLEX**



PAL cartridge fuses in the female terminal form. Used throughout Japanese and European high-current distribution boxes. All PAL fuses are supplied in packs of 5.

Part No	Rating (Amps)	Colour	Pack size	Part No	Rating (Amps)	Colour	Pack size
PF20	20	Light Blue	5	PF60	60	Yellow	5
PF30	30	Pink	5	PF80	80	Black	5
PF40	40	Green	5	PF100	100	Blue	5
PF50	50	Red	5	—	—	—	—

Every part on this page is available loose or in the manufacturer's pack sizes from the Custom Marine order desk — 800BOATS • 800YACHTS.

PAL fuses (continued)

BOLT-DOWN PAL CARTRIDGE FUSES IN SEVEN TERMINAL FORMS · 20 TO 100 AMPS · PACK SIZE 5

PAL FUSES (MALE)

PL series and PH male-48 series

AMC **OCEANFLEX**



The male terminal form of the PAL cartridge, and the male-48 variant with the wider terminal spacing. Check the terminal centres against the box before ordering — the two are not interchangeable.

PAL fuses (male) — PL series				PAL fuses (male-48) — PH series			
Part No	Rating (Amps)	Colour	Pack size	Part No	Rating (Amps)	Colour	Pack size
a PL30	30	Pink	5	b PH20	20	Light Blue	5
a PL40	40	Green	5	b PH30	30	Pink	5
a PL50	50	Red	5	b PH40	40	Green	5
a PL60	60	Yellow	5	b PH50	50	Red	5
a PL80	80	Black	5	b PH60	60	Yellow	5
a PL100	100	Blue	5	b PH70	70	Brown	5
—	—	—	—	b PH80	80	Black	5
—	—	—	—	b PH100	100	Blue	5

PAL FUSES (MINI-CLIP)

PD series

AMC **OCEANFLEX**



The mini-clip PAL form, offered in two ratings. Identify the fuse form by the terminal shape and centres before ordering a replacement — the PAL family shares a body style across several incompatible terminal patterns.

Part No	Rating (Amps)	Colour	Pack size
PD25	25	Brown	5
PD30	30	Green	5

PAL FUSES (MALE-62)

PS series

AMC **OCEANFLEX**



The male-62 PAL form, six ratings from 30 to 100 amps.

Part No	Rating (Amps)	Colour	Pack size	Part No	Rating (Amps)	Colour	Pack size
PS30	30	Pink	5	PS60	60	Yellow	5
PS40	40	Green	5	PS80	80	Black	5
PS50	50	Red	5	PS100	100	Blue	5

Ask Custom Marine for a cable take-off measured against your general arrangement — custommarine.ae.

PAL fuses (continued)

BOLT-DOWN PAL CARTRIDGE FUSES IN SEVEN TERMINAL FORMS · 20 TO 100 AMPS · PACK SIZE 5

PAL FUSES (CLIP)

PE series – 45, 65 and 75 amps

AMC **OCEANFLEX**



The clip PAL form in three intermediate ratings that do not appear elsewhere in the range.

Part No	Rating (Amps)	Colour	Pack size
PE45	45	Red	5
PE65	65	Black	5
PE75	75	Grey	5

PAL FUSES (J TYPE)

PK series – 20 to 80 amps

AMC **OCEANFLEX**



The J type PAL form, seven ratings from 20 to 80 amps, colour coded to the same scale as the female and male ranges.

Part No	Rating (Amps)	Colour	Pack size	Part No	Rating (Amps)	Colour	Pack size
PK20	20	Light Blue	5	PK60	60	Yellow	5
PK30	30	Pink	5	PK70	70	Brown	5
PK40	40	Green	5	PK80	80	Black	5
PK50	50	Red	5	—	—	—	—

PAL FORM SUMMARY

Which PAL series covers which rating

AMC **OCEANFLEX**

PF FEMALE

PL MALE

PH MALE-48

PD MINI-CLIP

PS MALE-62

PE CLIP

PK J TYPE

Reading across, the table shows every rating offered in each PAL terminal form. Where a rating is available in more than one form, the terminal pattern decides which one fits.

Series	Form	Ratings offered (Amps)
a PF	Female	20, 30, 40, 50, 60, 80, 100
b PL	Male	30, 40, 50, 60, 80, 100
c PH	Male-48	20, 30, 40, 50, 60, 70, 80, 100
d PD	Mini-clip	25, 30
e PS	Male-62	30, 40, 50, 60, 80, 100

PAL fuses & Glass fuses and holders

30MM GLASS · 20MM RADIO · IN-LINE BLADE FUSE HOLDERS, STANDARD AND SPLASH PROOF · GLASS FUSE HOLDERS

PAL FORM SUMMARY

Which PAL series covers which rating (continued — figures a–g on the previous page)

AMC OCEANFLEX

Series	Form	Ratings offered (Amps)
f PE	Clip	45, 65, 75
g PK	J type	20, 30, 40, 50, 60, 70, 80

30MM GLASS FUSES

FG series — flat ended 30mm x 6.3mm

AMC OCEANFLEX



Flat ended glass fuses 30mm x 6.3mm — the traditional continental and older British format still fitted to many marine panels, windlass controls and older vessels. Eleven ratings from 1 to 50 amps, packed 50.

Part No	Rating (Amps)	Pack size	Part No	Rating (Amps)	Pack size	Part No	Rating (Amps)	Pack size
FG01	1	50	FG10	10	50	FG30	30	50
FG02	2	50	FG15	15	50	FG35	35	50
FG03	3	50	FG20	20	50	FG50	50	50
FG05	5	50	FG25	25	50	—	—	—

20MM RADIO FUSES

FGR series — 20mm x 5mm

AMC OCEANFLEX



Radio fuses 20mm x 5mm for entertainment, instrument and accessory circuits. Five ratings, packed 50.

Part No	Rating (Amps)	Pack size	Part No	Rating (Amps)	Pack size
FGR01	1	50	FGR05	5	50
FGR02	2	50	FGR10	10	50
FGR03	3	50	—	—	—

IN-LINE BLADE FUSE HOLDERS

Standard and splash proof, pre-wired

AMC OCEANFLEX



Individual in-line fuse holders, pre-wired and accepting blade fuses. The **splash proof** versions in the lower half of the table are fitted with a lid to prevent ingress of water — the version to specify anywhere the holder will not be inside a dry enclosure.

Standard in-line holders				Splash proof, lidded			
Part No	Rating (A)	Cable (mm²)	Cable colour	Part No	Rating (A)	Cable (mm²)	Cable colour
a FH410	10	1.3	Black	b FH430	10	1.3	Black
a FH412	10	1.3	Red	b FH432	10	1.3	Red

Glass fuses and holders & Blade fuse holders

30MM GLASS · 20MM RADIO · IN-LINE BLADE FUSE HOLDERS, STANDARD AND SPLASH PROOF · GLASS FUSE HOLDERS

IN-LINE BLADE FUSE HOLDERS

Standard and splash proof, prewired (continued — figures a–b on the previous page)

AMC **OCEANFLEX**

Standard in-line holders				Splash proof, lidded			
Part No	Rating (A)	Cable (mm²)	Cable colour	Part No	Rating (A)	Cable (mm²)	Cable colour
a FH415	20	2.0	Black	b FH435	20	2.0	Black
a FH420	30	3.3	Orange	b FH440	30	3.3	Orange
a FH425	30	3.3	Black	b FH445	30	3.3	Black

All in-line blade fuse holders above are supplied in pack sizes 10, 100.

30MM GLASS FUSE HOLDERS

FH120, FH140, FH130 and FH150

AMC **OCEANFLEX**



Glass fuse holders accepting 30mm fuses. FH130 and FH150 are fitted with **2 x 6.3mm terminals** rather than flying leads, for panel and loom applications.

Part No	Type	Rating (Amps)	Cable conductor cross section (mm²)	Cable colour	Pack sizes
FH120	Flying lead	10	1.0	Red	10, 100
FH140	Flying lead	20	2.0	Green	10, 100
FH130	Fitted with 2 × 6.3mm terminals	10	1.0	Red	10, 100
FH150	Fitted with 2 × 6.3mm terminals	20	2.0	Green	10, 100

CLIP-TOGETHER HOLDERS

FH210, FH213, FH220 and accessories

AMC **OCEANFLEX**



OEM quality individual fuse holders accepting blade fuses. **FH210** and **FH220** can be clipped together to form a multiple fuse block; the cable connections are made by 2 x 6.3mm blade terminals, pre-fitted into the base on FH210. **FH213** is the single, non-clipping version.

FH225 is the easy-to-use holder that snaps onto the cable without the need to cut or terminate it: rated up to 20 amps, suitable for cables 0.65 mm² to 1.30 mm².

Part No	Description	Pack sizes
a FH210	Individual fuse holder, accepts blade fuses. Several can be clipped together to form a multiple fuse block. Cable connections by 2 x 6.3mm blade terminals pre-fitted into the base	10, 100
a FH210C	Transparent “push on” cover for FH210	10, 100
b FH210P	Fixing plate and screw, used for securing FH210 or FH220 to a firm surface	10, 100
FH213	Individual fuse holder, accepts blade fuses. Cable connections by 2 x 6.3mm blade terminals	10, 100
FH220	Individual fuse holder, accepts blade fuses. Several can be clipped together to form a multiple fuse block. Cable connections by 2 x 6.3mm blade terminals	10, 100
c FH225	Snaps onto the cable without cutting or terminating it. Rated up to 20 amps, for cables 0.65 mm² to 1.30 mm²	10, 100

Blade fuse holders (continued)

CLIP-TOGETHER FUSE BLOCKS • SPLASH PROOF HOLDERS • ADD-A-CIRCUIT HOLDERS • LED, MINI AND MAXI IN-LINE HOLDERS

CLIP-TOGETHER HOLDERS

FH210, FH213, FH220 and accessories (continued — figures a–e on the previous page)

AMC **OCEANFLEX**

Part No	Description	Pack sizes
d FH450	Add a circuit blade fuse holder — provides an additional fused feed in a standard blade fuse box	2, 50
e FH597	Add a circuit mini blade fuse holder — provides an additional fused feed in a mini blade fuse box	2, 50

SPLASH PROOF CLIP-TOGETHER

FH241 and FH242 with cover, gasket and seals

AMC **OCEANFLEX**



OEM quality individual fuse holders accepting blade fuses. This splash proof fuse holder can be clipped together to form a multiple fuse box. Supplied complete with **cover, silicone gasket, terminal locking bar, 2 terminals and 2 seals**. See the fixing plates block for FH500P, FH501P and FH502P.

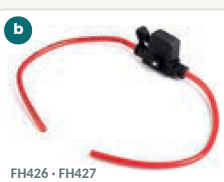
Part No	Terminals to fit cables (mm ²)	Supplied with	Pack sizes
FH241	0.5–1.5	Cover, silicone gasket, terminal locking bar, 2 terminals, 2 seals	10, 100
FH242	2.0–3.0	Cover, silicone gasket, terminal locking bar, 2 terminals, 2 seals	10, 100

Loose terminals and seals for these holders: FH245T and FH250T terminals with FH241S seals for 0.5–1.5 mm²; FH249TR terminals with FH242S seals for 2.0–3.0 mm².

LED AND MINI BLADE HOLDERS

FH545, FH546, FH426, FH427, FH585 and FH595

AMC **OCEANFLEX**



Individual in-line fuse holders with a **built-in LED that glows when the fuse has blown**, also fitted with a lid to prevent water ingress. The FH545 and FH546 take standard blade fuses; FH426 and FH427 take mini blade fuses. FH585 and FH595 are the plain splash proof mini blade holders without the LED.

Part No	Accepts	LED	Rating (Amps)	Cable cross section (mm ²)	Cable colour	Pack sizes
a FH545	Blade fuse	Yes	20	2.0	Red	10, 100
a FH546	Blade fuse	Yes	30	3.0	Red	10, 100
b FH426	Mini blade fuse	Yes	20	2.0	Red	10, 100
b FH427	Mini blade fuse	Yes	30	3.0	Red	10, 100
c FH585	Mini blade fuse	No	20	2.0	Black	10, 100
c FH595	Mini blade fuse	No	30	3.3	Black	10, 100

MAXI BLADE FUSE HOLDERS

FH510 to FH540 — clip-together with transparent cover

AMC **OCEANFLEX**



Individual fuse holders accepting maxi blade fuses. Several fuse holders can be clipped together to form a multiple fuse block. The fuse holder is supplied complete with **transparent cover, terminal locking bar and 2 terminals**. See the fixing plates block for FH500P, FH501P and FH502P.

Part No	Terminals to fit cables (mm ²)	Supplied with	Pack sizes
a FH510	1.0–2.5	Transparent cover, terminal locking bar, 2 terminals	1, 10
a FH520	4.0–6.0	Transparent cover, terminal locking bar, 2 terminals	1, 10

Blade fuse holders & Midi and mega holders

CLIP-TOGETHER FUSE BLOCKS • SPLASH PROOF HOLDERS • ADD-A-CIRCUIT HOLDERS • LED, MINI AND MAXI IN-LINE HOLDERS

MAXI BLADE FUSE HOLDERS

FH510 to FH540 — clip together with transparent cover (continued — figures a–b on the previous page)

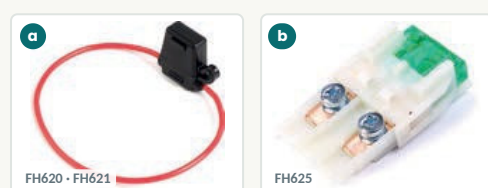
AMC **OCEANFLEX**

Part No	Terminals to fit cables (mm ²)	Supplied with	Pack sizes
a FH530	8.0–10.0	Transparent cover, terminal locking bar, 2 terminals	1, 10
a FH540	16.0	Transparent cover, terminal locking bar, 2 terminals	1, 10
b FH602	4.0–6.0	Splash proof — cover, terminal locking bar, cable cover, 2 terminals	1, 10
b FH603	8.0–10.0	Splash proof — cover, terminal locking bar, cable cover, 2 terminals	1, 10
b FH604	16.0	Splash proof — cover, terminal locking bar, cable cover, 2 terminals	1, 10

SPLASH PROOF IN-LINE MAXI

FH620, FH621 and FH625

AMC **OCEANFLEX**



Individual fuse holders accepting maxi blade fuses, fitted with a lid to prevent ingress of water. **FH625** accepts aftermarket maxi blade fuses and is supplied complete with 2 screws to secure the cable using ring terminals, plus a cover.

Part No	Rating (Amps)	Cable conductor cross section (mm ²)	Cable colour	Pack sizes
a FH620	60	8.5	Red	1, 10
a FH621	100	13.0	Red	1, 10
b FH625	Aftermarket maxi blade	Ring terminals, 2 screws, cover supplied	—	1, 10

MIDI AND MEGA FUSE HOLDERS

FH560, FH562, FH567, FH568, FH569 and FH310

AMC **OCEANFLEX**



Stud-connected holders for the high-current fuse formats. **FH560** accepts midi fuses and strip fuses on 2 x 5mm studs, maximum cable size 16 mm². **FH569** takes mega fuses on 2 x 8mm studs and is fixed to a firm surface using fixing points at the ends of the unit. Multiple holders can be clipped together to form a fuse block.

Part No	Accepts	Connection	Clip together	Pack sizes
a FH560	Midi fuses and strip fuses	2 × 5mm studs, max cable 16 mm ²	No	1, 10
b FH562	Midi fuses	2 × 5mm studs	Yes	1, 10
c FH567	Mega fuses	2 terminals for crimping, cables 10–20 mm ²	No	1, 10
c FH568	Mega fuses	2 terminals for crimping, cables 25–35 mm ²	No	1, 10
d FH569	Mega fuses	2 × 8mm studs, fixing points at the ends	Yes	1, 10
e FH310	Continental fuses, supplied with an 8 amp fuse	2 screw down fittings at the ends	No	10, 100

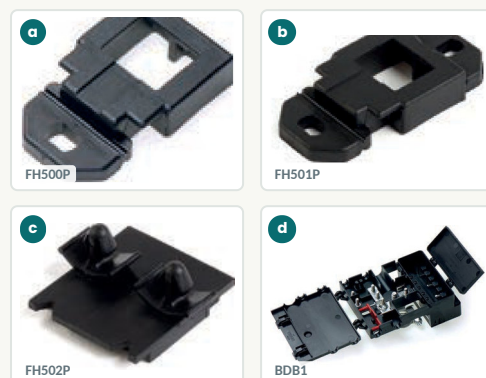
Midi and mega holders & Modular boxes

STUD-CONNECTED MIDI AND MEGA HOLDERS • CONTINENTAL HOLDER • FIXING PLATES • BATTERY DISTRIBUTION FUSE BOX

FIXING PLATES AND DISTRIBUTION BOX

FH500P, FH501P, FH502P and BDB1

AMC **OCEANFLEX**



OEM quality fixing plates for securing a variety of fuse holders and relay holders to a firm surface. **All fixing plates are compatible with FH241, FH242, FH510, FH520, FH530, FH540, FH602, FH603 and FH604.**

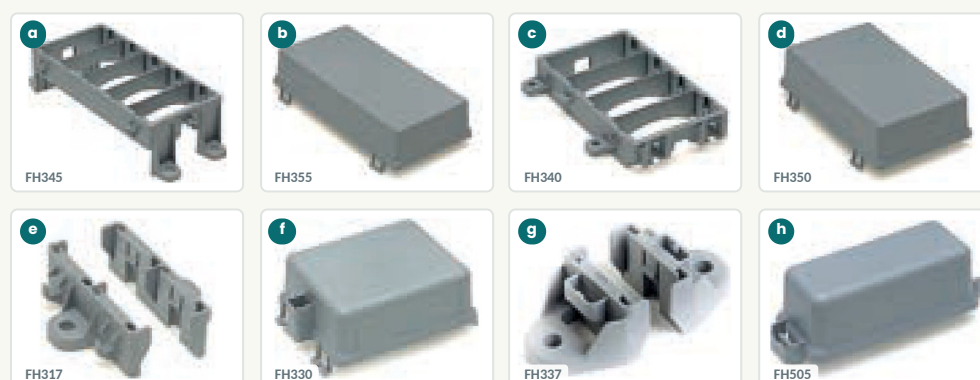
BDB1 is the battery distribution fuse box, incorporating an inbuilt battery terminal. The box can be fitted with **8 maxi blade fuses and 2 midi fuses**, and is supplied complete with 4 x 2 way housings and 8 terminals suitable for cable sizes 4.0 mm² to 6.0 mm². The main power cable fits onto an 8mm stud and the two midi fuses connect to 2 x 5mm studs.

Part No	Description	Pack sizes
a FH500P	Fixing plate for securing a variety of fuse holders and relay holders to a firm surface	10, 100
b FH501P	Fixing plate for securing a variety of fuse holders and relay holders to a firm surface	10, 100
c FH502P	Fixing plate for securing a variety of fuse holders and relay holders to a firm surface	10, 100
d BDB1	Battery distribution fuse box with inbuilt battery terminal, 8 maxi blade and 2 midi fuse positions	Individually packed

FRAMES, COVERS AND BRACKETS

The modular carrier system

AMC **OCEANFLEX**



The OEM modular system builds a fuse and relay box from a frame, a cover and any combination of modules. A 4 or 5 way frame accepts any 4 or 5 modules; pairs of brackets carry one or two modules where a full frame is not needed. **FH330**, the double module cover, has a dedicated position for the FBE fuse extractor.

Part No	Description	Pack
a FH345	OEM 5 way module frame. Accepts a combination of any 5 modules	Individually packed
b FH355	OEM cover for 5 way module frame	Individually packed
c FH340	OEM 4 way module frame. Accepts a combination of any 4 modules	Individually packed
d FH350	OEM cover for 4 way module frame	Individually packed
e FH317	OEM pair of double module brackets. Accepts any 2 modules	Individually packed
f FH330	OEM double module cover with position for fuse extractor (FBE)	Individually packed
g FH337	OEM pair of single module brackets. Accepts any one of the 7 modules	Packed in pairs
h FH505	OEM single module cover	Individually packed

Every reference on this page is stocked or sourced through the Custom Marine order desk in the manufacturer's own pack sizes; cut lengths, part-marked assemblies and pre-built looms are quoted on application — custommarine.ae • +971 50 500 6969.

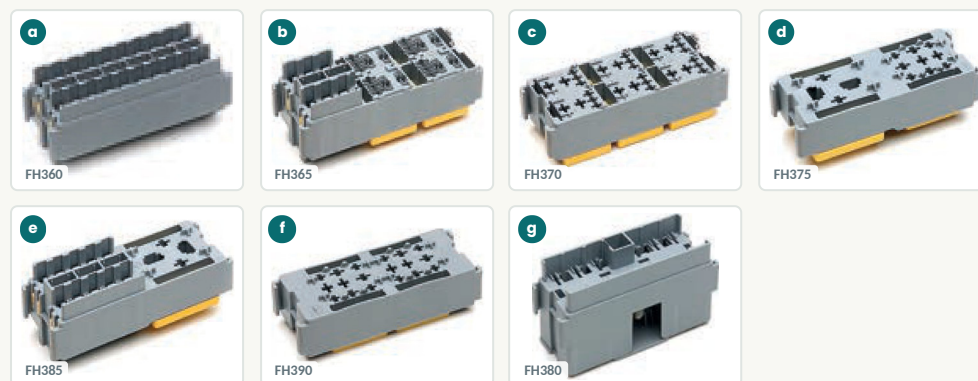
OEM modular fuse and relay boxes (continued)

FRAMES, COVERS AND BRACKETS · MINI BLADE, MICRO RELAY, MINI RELAY AND HIGH PERFORMANCE RELAY MODULES · MTA OEM QUALITY

FUSE AND RELAY MODULES

The seven modules and their housings

AMC **OCEANFLEX**



Each module is supplied complete with terminal locking bars and the terminals needed for its positions; the matching H part number is the housing with locking bar only, for where terminals are already held. All modules mount in any of the frames or brackets above.

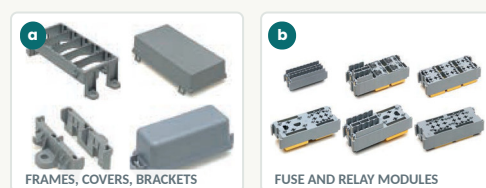
Part No	Module	Capacity	Supplied with	Housing only
a FH360	Mini blade fuse box	20 mini blade fuses	Terminal locking bars and 40 terminals for cables 1.0–2.0 mm ²	a FH360H
b FH365	Mini blade fuse and micro relay box	6 mini blade fuses and 4 micro relays	Locking bars, 12 terminals for cables 1.0–2.0 mm ² , 20 terminals for the micro relays	b FH365H
c FH370	Micro relay box	6 micro relays	Terminal locking bars and 30 terminals suitable for a variety of micro relays	c FH370H
d FH375	Mini relay and high performance relay box	1 mini relay and 1 high performance relay	Terminal locking bars and 15 terminals suitable for both relay types	d FH375H
e FH385	Mini blade fuse and high performance relay box	10 mini blade fuses and 1 high performance relay	Locking bars, 20 terminals for cables 1.0–2.0 mm ² , 6 terminals for the relay	e FH385H
f FH390	Mini relay box	2 mini relays	Terminal locking bars and 18 terminals suitable for a variety of mini relays	f FH390H
g FH380	Maxi blade fuse box	6 maxi blade fuses	Locking bars, 6 terminals for cables 4.0–6.0 mm ² and a common feed terminal	g FH380H

All housing-only (H) part numbers are supplied in packs of 10; all complete modules are individually packed.

BUILDING A MODULAR BOX

Frames, modules and the terminals each needs

AMC **OCEANFLEX**



Specify a modular box in three steps. Choose the frame or bracket pair for the number of modules; choose the modules for the fuses and relays the circuit needs; then order the loose terminals against the cable sizes being used. The terminal part numbers below are the ones listed for each module in the non insulated terminals table.

Carrier	Modules accepted	Cover	Loose terminals to order
a FH345	Any 5 modules	FH355	By module, see the column opposite
a FH340	Any 4 modules	FH350	By module, see the column opposite
a FH317	Any 2 modules	FH330	FH330 has a position for the FBE fuse extractor
a FH337	Any 1 module	FH505	Supplied as a pair of brackets
b FH360	20 mini blade fuses	—	FH290T, FH300T, FH307TR, FH260T
b FH365	6 mini blade fuses, 4 micro relays	—	FH290T, FH300T, FH260T, FH265T, FH270T
b FH370	6 micro relays	—	FH265T, FH270T
b FH375	1 mini relay, 1 high performance relay	—	FH265T, FH305T, FH306T, FH315T
b FH385	10 mini blade fuses, 1 high performance relay	—	FH290T, FH300T, FH260T, FH265T, FH305T, FH306T
b FH390	2 mini relays	—	FH265T, FH270T
b FH380	6 maxi blade fuses	—	FH510T, FH520T, FH530T, FH540T

Blade fuse boxes & relay boxes

UNDER-MOUNT AND SIDE-ENTRY BLADE FUSE BOXES · LED FUSE BOXES · 4 AND 7 WAY RELAY BOXES

BLADE FUSE BOXES

FBF4U, FBF6U, FBF8U and FBF16U

AMC **OCEANFLEX**



Blade fuse boxes complete with transparent cover and terminal locking bar. The cable connections are made using the 6.3mm male blade terminals which are fitted on the **underside** of the fuse box.

FBF16U is supplied with 32 terminals for crimping cables 1.0 mm² to 2.5 mm²; the female push-on terminals are crimped onto the cables, inserted underneath the fuse box and held in place by the terminal locking bar. It can be clipped together with another box to form a 32 or 48 way unit, and with the RB4U and RB7U relay boxes to form a single integrated unit.

Part No	No of fuses	Male blade terminals fitted (mm)	Dimensions H x W x D (mm)	Pack sizes
a FBF4U	4	8 × 6.3	58 × 65 × 26	1, 100, 500
a FBF6U	6	12 × 6.3	58 × 85 × 26	1, 50, 500
b FBF8U	8	16 × 6.3	42mm (H) x 115mm (W) x 30mm (D), panel insert, cover and gasket	1, 50, 300
c FBF16U	16	32 terminals supplied	64mm (H) x 135mm (W) x 42mm (D), cover, gasket and locking bar	Individually packed

SIDE-ENTRY BLADE FUSE BOXES

FBF4T, FBF6T and FBF8T

AMC **OCEANFLEX**



Blade fuse boxes complete with transparent cover and gasket. The cable connections are made using the 6.3mm male blade terminals which are fitted on the **sides** of the fuse box — the shallow-mounting alternative where there is no depth behind the panel.

Part No	No of fuses	Male blade terminals fitted (mm)	Dimensions H x W x D (mm)	Pack sizes
FBF4T	4	8 × 6.3	36 × 80 × 29	1, 100
FBF6T	6	12 × 6.3	36 × 100 × 29	1, 50
FBF8T	8	16 × 6.3	36 × 120 × 29	1, 50

LED BLADE FUSE BOXES

FBF4L, FBF6L, FBF10L and FBF6M

AMC **OCEANFLEX**



LED blade fuse box complete with transparent cover. Consists of **1 x 5mm positive power input stud** which feeds each of the blade fuses. Each fuse has a 6.3mm male blade terminal and a **red LED indicator light** next to it that glows when the fuse has blown. The boxes can be fixed to a firm surface using the mounting holes.

FBF6M is a 6 way blade fuse box with a transparent screw down cover, containing 2 positive circuits and 1 negative circuit. Max 30 Amps per output, max 100 Amps per box. Dimensions 55mm (H) x 93mm (W) x 123mm (L). Individually packed.

Part No	No of fuses	Male blade terminals fitted (mm)	Dimensions H x W x D (mm)	Pack size
a FBF4L	4	4 × 6.3	35 × 45 × 85	1
b FBF6L	6	6 × 6.3	35 × 65 × 85	1
c FBF10L	10	10 × 6.3	35 × 95 × 85	1
d FBF6M	6	2 positive circuits + 1 negative, screw down cover	55 × 93 × 123	1

Fuse and relay boxes & Circuit breakers

SURFACE AND PANEL MOUNT • SAE J1171 IGNITION PROTECTED • IP67 • 50 TO 200 AMPS

RELAY BOXES

RB4U and RB7U

AMC **OCEANFLEX**



RB4U • RB7U

Relay boxes complete with transparent cover, gasket and locking bars. Supplied with terminals for crimping cables 1.0 mm² to 2.5 mm². The female push-on terminals provided are inserted underneath the relay box and firmly held in place using the locking bars. Both boxes can be clipped together along with the 16 way fuse box (FBB16U) to form a single integrated unit. Individually packed.

Part No	No of relays	Suitable for	Dimensions H x W x D (mm)
RB4U	4	Mini relays	64 × 131 × 42
RB7U	7	Micro relays	64 × 131 × 42

SURFACE MOUNT

HCB-S series – sealed for engine compartment and bilge areas

AMC **OCEANFLEX**



HCB-S SURFACE MOUNT

Typically used in auxiliary and accessory circuits in trucks, buses, RVs and marine systems. **Sealed for engine compartment and bilge area applications.** Compliances: SAE J1171 (ignition protected), SAE J1625. Ingress Protection: IP67. Voltage: 48Vdc. Interrupt Rating: 3000A @ 30Vdc. Operating Temp: -32°C to 82°C. Storage Temp: -34°C to 149°C. Material: Black UL-rated 94V0 thermoset plastic. **Protective stud insulators included.**

Part No	Rating (Amps)	Stud size	Pack sizes	Part No	Rating (Amps)	Stud size	Pack sizes
HCB50S	50	1/4"	1, 10	HCB100S	100	1/4"	1, 10
HCB60S	60	1/4"	1, 10	HCB150S	150	1/4"	1, 10
HCB80S	80	1/4"	1, 10	HCB200S	200	3/8"	1, 10

PANEL MOUNT

HCB-P series – same protection, flush fitted

AMC **OCEANFLEX**



HCB-P PANEL MOUNT

The panel mount version of the same breaker, for mounting through a bulkhead or console face. Typically used in auxiliary and accessory circuits in trucks, buses, RVs and marine systems. Sealed for engine compartment and bilge area applications. Compliances: SAE J1171 (ignition protected), SAE J1625. Ingress Protection: IP67. Voltage: 48Vdc. Interrupt Rating: 3000A @ 30Vdc. Operating Temp: -32°C to 82°C. Storage Temp: -34°C to 149°C. Material: Black UL-rated 94V0 thermoset plastic.

Part No	Rating (Amps)	Stud size	Pack sizes
HCB50P	50	1/4"	1, 10
HCB80P	80	1/4"	1, 10
HCB100P	100	1/4"	1, 10

Please contact the Sales Team for further amp ratings and sizes available.

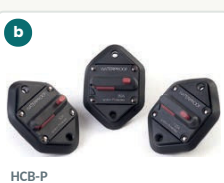
SPECIFICATION SUMMARY

Circuit breaker ratings side by side

AMC **OCEANFLEX**



HCB-S



HCB-P

Both families share the same electrical specification; the only difference is the mounting. Where the breaker will be handled as a switch — isolating a winch or a thruster before service — the switchable action of these units removes the need for a separate isolator.

Parameter	a Surface mount HCB-S	b Panel mount HCB-P
Ratings available	50, 60, 80, 100, 150, 200 amps	50, 80, 100 amps
Stud size	1/4" (3/8" on HCB200S)	1/4"

Circuit breakers & Relays

MINI, HIGH PERFORMANCE AND MICRO RELAYS • 12V AND 24V • SUPPRESSED VERSIONS • CLIP-TOGETHER HOLDERS

SPECIFICATION SUMMARY

Circuit breaker ratings side by side (continued — figures a–b on the previous page)

AMC **OCEANFLEX**

Parameter	a Surface mount HCB-S	b Panel mount HCB-P
Compliances	SAE J1171 (ignition protected), SAE J1625	SAE J1171 (ignition protected), SAE J1625
Ingress protection	IP67	IP67
Voltage	48Vdc	48Vdc
Interrupt rating	3000A @ 30Vdc	3000A @ 30Vdc
Operating temperature	-32°C to 82°C	-32°C to 82°C
Storage temperature	-34°C to 149°C	-34°C to 149°C
Material	Black UL-rated 94V0 thermoset plastic	Black UL-rated 94V0 thermoset plastic
Stud insulators	Included	Not applicable

MINI RELAYS — 4 AND 5 PIN

RE20xx and RE23xx series

AMC **OCEANFLEX**



The mini relay range in 12V and 24V, normally open and change over. Terminal counts are given as the number and size of blade terminals; 4 pin relays use terminals 30, 85, 86 and 87, and 5 pin relays add 87a for the change over contact. All pack size 10.

Part No	Pins	Voltage	Rating	Function	Terminals	Pack size
a RE2058	4 pin	24V	22A	Normally open multi purpose	4 × 6.3mm	10
a RE2383	4 pin	12V	40A	Normally open multi purpose	4 × 6.3mm	10
b RE2032	5 pin	12V	40/15A	Change over multi purpose	5 × 6.3mm	10
b RE2031	5 pin	12V	40A	Double output normally open multi purpose	5 × 6.3mm	10
b RE2060	5 pin	24V	22/10A	Change over multi purpose	5 × 6.3mm	10
b RE2059	5 pin	24V	22A	Double output normally open multi purpose	5 × 6.3mm	10
b RE2391	5 pin	12V	40/15A	Change over multi purpose	5 × 6.3mm	10
b RE2393	5 pin	24V	22/10A	Change over multi purpose	5 × 6.3mm	10
a RE2152	4 pin	12V	40A	Normally open multi purpose	4 × 6.3mm	10
a RE2687	4 pin	12V	70A	Mini HD relay, normally open multi purpose	2 × 6.3mm, 2 × 9.5mm	10

MINI RELAYS WITH RESISTOR OR DIODE

Suppressed relays for sensitive circuits

AMC **OCEANFLEX**



Relays fitted with an internal resistor or diode across the coil to suppress the back-EMF spike generated when the coil de-energises — the version to fit where the relay shares a circuit with electronics, instruments or a control module.

Part No	Pins	Voltage	Rating	Suppression	Function	Terminals	Pack size
a RE2752	5 pin	12V	40/15A	With resistor	Change over multi purpose	5 × 6.3mm	10
RE2754	5 pin	24V	22/10A	With resistor	Change over multi purpose	5 × 6.3mm	10
b RE2689	5 pin	12V	40/15A	With diode	Change over multi purpose	5 × 6.3mm	10
RE2700	5 pin	24V	22/10A	With diode	Change over multi purpose	5 × 6.3mm	10

Relays & Slewing

MINI, HIGH PERFORMANCE AND MICRO RELAYS • 12V AND 24V • SUPPRESSED VERSIONS • CLIP-TOGETHER HOLDERS

HIGH PERFORMANCE AND MICRO RELAYS

RE21xx, RE22xx, RE23xx, RE27xx, RE28xx

AMC **OCEANFLEX**



High performance HD relays for the heavy loads — winches, thrusters, glow plugs, cooling fans — up to 100 amps, and micro relays for the compact modular boxes. RE2810 and RE2792 use mixed 6.3mm and 9.5mm terminals; the 9.5mm pair carries the switched load.

Part No	Type	Pins	Voltage	Rating	Function	Terminals	Pack
a RE2362	High performance HD	—	24V	60A	Normally open multi purpose	30, 85, 86, 87	Individually packed
RE2253	High performance HD	—	24V	100A	Normally open multi purpose	30, 85, 86, 87	Individually packed
RE2136	High performance HD	—	12V	100A	Normally open multi purpose	30, 85, 86, 87	Individually packed
b RE2810	High performance HD, with resistor	4 pin	12V	70A	Normally open multi purpose	2 × 6.3mm, 2 × 9.5mm	1, 10
RE2792	High performance HD	4 pin	24V	40A	Normally open multi purpose	2 × 6.3mm, 2 × 9.5mm	1, 10
c RE2290	Micro relay, with resistor	5 pin	12V	20/10A	Change over multi purpose	2 × 6.3mm, 3 × 4.8mm	Individually packed
RE2291	Micro relay, with resistor	5 pin	24V	15/6A	Change over multi purpose	2 × 6.3mm, 3 × 4.8mm	Individually packed
RE2288	Micro relay, with resistor	4 pin	12V	22A	Normally open multi purpose	2 × 6.3mm, 2 × 9.5mm	Individually packed

RELAY HOLDERS

RB5, RB8, RB9 and RB10 with and without terminals

AMC **OCEANFLEX**



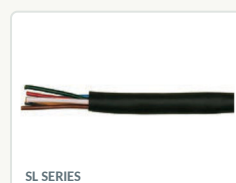
Relay holders that can be clipped together to form a multiple relay block. Each is offered complete with the correct female blade terminals, or as the H version without terminals where these are already held. Pack sizes 10, 100 throughout.

Part No	For	Fixing bracket	Terminals supplied	Housing only	Pack sizes
a RB5	Mini relay	No	5 × 6.3mm female blade	a RB5H	10, 100
b RB8	Mini relay	Yes	5 × 6.3mm and 4 × 2.8mm female blade	b RB8H	10, 100
c RB9	Micro relay	Yes	2 × 6.3mm and 3 × 4.8mm female blade	c RB9H	10, 100
d RB10	High performance relay	Yes	3 × 6.3mm, 4 × 2.8mm and 2 × 9.5mm female blade	d RB10H	10, 100

SLEEVING (PVC)

SL series — general purpose PVC sleeving

AMC **OCEANFLEX**



General purpose PVC sleeving suitable for bundling of cables and protection against abrasion. Continuous operating temperature -20°C to 70°C. Resistant to petrol, oil and water. Self extinguishing in 30 seconds. Available in black (B).

Part No	Internal diameter (mm)	Wall thickness (mm)	Lengths (Metres)	Part No	Internal diameter (mm)	Wall thickness (mm)	Lengths (Metres)
SL700	4	0.5	100	SL705	12	0.5	100
SL701	5	0.5	100	SL706	14	0.5	100

PVC, convoluted, braided and spiral sleeving (continued)

GENERAL PURPOSE PVC SLEEVING · HALOGEN-FREE NYLON CONDUIT · EXPANDABLE BRAID · REUSABLE SPIRAL WRAP

SLEEVING (PVC)

SL series — general purpose PVC sleeving (continued)

AMC **OCEANFLEX**

Part No	Internal diameter (mm)	Wall thickness (mm)	Lengths (Metres)	Part No	Internal diameter (mm)	Wall thickness (mm)	Lengths (Metres)
SL702	6	0.5	100	SL707	16	0.5	100
SL703	8	0.5	100	SL809	20	1.0	50
SL704	10	0.5	100	SL810	25	1.0	50

SLEEVING (CONVOLUTED)

CTPA series — halogen-free nylon

AMC **OCEANFLEX**



Halogen-free nylon convoluted sleeving suitable for bundling of wires and protection against abrasion. Continuous operating temperature **-40°C to 105°C** with short excursions up to 150°C. Self-extinguishing. Resistant to petrol, oil and water. Flammability to UL94. Available in black (B). Can be used with the conduit fitting interfaces on the following page.

Un-split — CTPA				Split — CTPA-S	
Part No	Min internal dia (mm)	Max external dia (mm)	Lengths (metre)	Part No	Lengths (metre)
a CTPA08	6.6	10.2	25, 100	b CTPA08-S	25, 100
a CTPA10	8.2	11.75	100	b CTPA10-S	100
a CTPA12	10.0	13.25	25, 100	b CTPA12-S	25, 100
a CTPA16	11.0	16.1	25, 100	b CTPA16-S	25, 100
a CTPA18	14.2	18.5	25, 100	b CTPA18-S	25, 100
a CTPA20	16.1	21.35	25, 100	b CTPA20-S	25, 100
a CTPA25	20.1	24.5	25, 100	b CTPA25-S	25, 100
a CTPA28	21.2	28.6	25, 100	b CTPA28-S	25, 100

The technical specification for the split convoluted sleeving is the same as the un-split sleeving. However, this product has a continuous split running along its length for easy application — the version to specify for a retro-fit over an existing loom. Available in black (B).

SLEEVING (BRAIDED)

ESB series — expandable braided sleeving

AMC **OCEANFLEX**



Expandable braided sleeving is flame retardant and halogen free. It offers durable abrasion resistance in a wide range of industrial applications; the open weave construction allows easy installation on a bundle of hoses and cables, and the braid can be **expanded up to 300%**. Available in black (B).

Material: Polyester (PET) · Operating Temperature Range: -50°C to 150°C · Melt Point: 250°C +/- 5 · Tensile Strength: 100,000 PSI · Flammability: UL224 VW-1 Low Smoke-Zero Halogen · Excellent UV resistance and anti-abrasion · RoHS Compliant. Nominal sizes indicate flat width.

Part No	Nominal size flat width	Expandable range min (mm)	Expandable range max (mm)	Length per bag (Metres)	Lengths per reel (Metres)
ESB05B	5	3	9	10	100
ESB08B	8	5	12	10	100
ESB12B	12	8	17	10	50
ESB20B	20	14	27	10	50
ESB25B	25	18	34	10	50
ESB30B	30	28	47	10	25
ESB40B	40	35	64	10	25

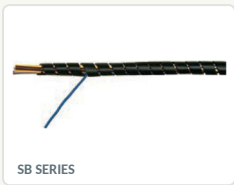
Sleeving & Heat shrink

HALOGEN FREE POLYOLEFIN · 2:1 SHRINK RATIO · ADHESIVE LINED · PRE-CUT LENGTHS

SLEEAVING (SPIRAL BINDING)

SB series – reusable spiral wrap

AMC OCEANFLEX



Spiral binding provides a neat and quick method of protecting harnesses and wiring looms against abrasion. Once fitted it can be constantly adjusted or reused. Material PE. Continuous operating temperature **-30°C to 80°C**. RoHS compliant. UL94 HB approved. Halogen free. Available in black (B).

Part No	Bundled diameter (mm)	Lengths available (Metres)
SB6B	5–30	25
SB8B	8–40	25
SB12B	12–50	25

SLEEAVING (HEAT SHRINK)

HS series – 2.4mm to 38.1mm

AMC OCEANFLEX



Halogen free flexible polyolefin heat shrink sleeving. Suitable for a wide range of applications including marking, colour coding, insulating, bundling of wires and protection against abrasion. Continuous operating temperature **-55°C to 125°C**. Flame retardant to UL224. Shrink temperature 100°C. **Shrink ratio 2 to 1**. Supplied in a variety of sizes, lengths and colours; larger lengths supplied on reels.

Part No	Internal diameter before heating (mm)	Internal diameter after heating (mm)	Wall thickness after heating (mm)	Colours available	Lengths available (Metres)		
					Bag	Mini Box	Reel
HS02.4	2.4	1.2	0.5	Black	5	11	150
HS03.2	3.2	1.6	0.5	Black, Red	5	11	150
HS04.8	4.8	2.4	0.5	Black, Red	5	10	60
HS06.4	6.4	3.2	0.65	Black, Red	5	9	60
HS09.5	9.5	4.8	0.65	Black, Red	5	7	60
HS12.7	12.7	6.4	0.75	Black, Red	5	6	60
HS19.1	19.1	9.5	0.75	Black, Red	5	5	60
HS25.4	25.4	12.7	0.9	Black	5	3.5	30
HS38.1	38.1	19.0	1.0	Black	5	–	30

When ordering HS19.1 in 5 metre lengths, please state bag or mini box.

ADHESIVE LINED

HA series – the sealed version

AMC OCEANFLEX



Halogen free flexible polyolefin heat shrink sleeving with an **adhesive lining** that melts and flows as the sleeve shrinks, sealing the joint against water ingress. Same specification otherwise: continuous operating temperature **-55°C to 125°C**, flame retardant to UL224, shrink temperature 100°C, shrink ratio 2 to 1.

Part No	Internal diameter before heating (mm)	Internal diameter after heating (mm)	Wall thickness after heating (mm)	Lengths available (Metres)
HA1	3.2	1.1	0.5	1.22, 150
HA2	4.8	1.6	1.0	1.22, 75

Heat shrink & Tapes

HALOGEN FREE POLYOLEFIN • 2:1 SHRINK RATIO • ADHESIVE LINED • PRE-CUT LENGTHS

ADHESIVE LINED

HA series — the standard version (continued)

AMC **OCEANFLEX**

Part No	Internal diameter before heating (mm)	Internal diameter after heating (mm)	Wall thickness after heating (mm)	Lengths available (Metres)
HA3	6.4	2.2	1.2	1.22, 60
HA4	9.5	3.2	1.5	1.22, 60
HA5	12.7	4.3	1.6	1.22, 25
HA6	19.1	6.4	1.8	1.22, 25
HA7	25.4	8.5	1.8	1.22, 25
HA9	39.0	13.0	1.9	1.22, 25

CUT LENGTHS

HR series — pre-cut 150mm pieces in a bag

AMC **OCEANFLEX**



Technical specification as the HS range above, supplied as pre-cut 150mm pieces — the practical pack for a toolbox or a service van, where a reel is more than the job needs.

Part No	Contents	Colours available	Total lengths per bag (Metres)
HR3	25 × 150mm pieces of HS02.4	Black	3.75
HR4	25 × 150mm pieces of HS03.2	Black, Red	3.75
HR5	20 × 150mm pieces of HS04.8	Black, Red	3.0
HR6	15 × 150mm pieces of HS06.4	Black, Red	2.25
HR7	15 × 150mm pieces of HS09.5	Black, Red	2.25
HR8	10 × 150mm pieces of HS12.7	Black, Red	1.5
HR9	7 × 150mm pieces of HS19.1	Black, Red	1.05

PVC TAPES (ADHESIVE)

2702 series — seven colours for circuit identification

AMC **OCEANFLEX**



2702 COLOURS



2702 BLACK

Self adhesive PVC tapes designed for use in a variety of applications: insulating, repairs, colour coding, bundling of cables, protection against abrasion and other forms of damage. Continuous operating temperature 0°C to 90°C. Self extinguishing. Thickness 0.13mm. Available in a wide variety of widths, lengths and colours.

Part No	Width (mm)	Length (Metres)	Colours available	Pack size (Rolls)
b 2702/1B	12	20	Black	10
b 2702/2B	19	20	Black	10
a 2702/2G	19	20	Green	10
a 2702/2R	19	20	Red	10
a 2702/2U	19	20	Blue	10
a 2702/2W	19	20	White	10
a 2702/2Y	19	20	Yellow	10

PVC, harness, amalgamating & cloth tapes (continued)

ADHESIVE PVC IN SEVEN COLOURS • NON-ADHESIVE HARNESS TAPE • SELF-AMALGAMATING • CLOTH AND FLEECE

PVC TAPES (ADHESIVE)

2702 series — seven colours for circuit identification (continued — figures a–b on the previous page)

AMC **OCEANFLEX**

Part No	Width (mm)	Length (Metres)	Colours available	Pack size (Rolls)
b 2702/4B	19	33	Black	10
b 2702/3B	25	20	Black	10

GENERAL PURPOSE PVC TAPE

PV700B — BS EN 60454-2, flame retardant

AMC **OCEANFLEX**



General purpose self adhesive PVC insulation tape suitable for a variety of applications, including insulating, cable harnessing and general repairs. Suitable for indoor and outdoor applications. Continuous operating temperature **0°C to 90°C**. Conforms to **BS EN 60454-2**. Flame retardant.

Part No	Width (mm)	Length (Metres)	Colours available	Pack sizes (Rolls)
PV700B	19	20	Black	10, box of 250

CLOTH AND FLEECE TAPES

PV514, PV538 and PV740

AMC **OCEANFLEX**



Halogen free self adhesive cloth and fleece harness tapes used for wrapping type applications — the quiet, OEM-style wrap that stops a loom rattling against a bulkhead.

Part No	Description	Roll size	Temperature range	Pack sizes
PV514	Halogen free self adhesive cloth harness tape	19mm × 25M	-40°C to 125°C	1, 10, box 256
PV538	Halogen free self adhesive cloth / fleece harness tape	19mm × 25M	-40°C to 105°C	1, 10, box 144
PV740	Self adhesive fleece harness tape	15mm × 15M	-40°C to 105°C	1, 10, box 120

HARNESS AND AMALGAMATING TAPES

216 non-adhesive, 2501 and 2515 self-amalgamating

AMC **OCEANFLEX**



Non adhesive PVC harness tapes used for wrapping type applications, protecting harness and wiring looms against abrasion. Continuous operating temperature -40°C to 85°C. Self extinguishing. Thickness 0.12mm.

Amalgamating tape is a strong self amalgamating polyisobutylene elastic tape which, when wrapped onto itself, will create a **watertight seal**. Used on cable joints and connections. Continuous operating temperature -40°C to 90°C. Thickness 0.5mm.

Part No	Type	Width (mm)	Length (Metres)	Colours available	Pack size (Rolls)
a 216/1B	PVC harness tape, non adhesive	19	40	Black	8
a 216/2B	PVC harness tape, non adhesive	25	40	Black	6
b 2501/1B	Self amalgamating	25	10	Black	1
b 2515/1W	Self amalgamating	25	10	White	1

Cable ties, mounts and clips

NYLON TIES 80 MM TO 780 MM · ADHESIVE MOUNTS, CRADLES AND EYELETS · WHICH FIXING FOR WHICH RUN

CLIP AND CONDUIT SELECTION

Matching the fixing to the run

AMC OCEANFLEX



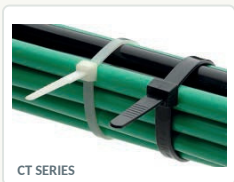
A cable run needs support roughly every 300 mm, and the right fixing depends on what is being fixed to and what is being fixed. Read down the left column for the situation and across for the parts that answer it.

Situation	Fixing	Range	Notes
a Single cable on a flat panel, no drilling	Adhesive mounting clip	SC1, SC2, MCA1, MCA2, MCA3	Cable diameters 3.8–12.0mm
b Bundle on a flat panel, no drilling	Adhesive cable tie mount	CTM3, CTM4	Or fix with a self tapping screw through the centre
b Heavy bundle, screw fixed	Cable tie cradle or eyelet	CTC1, CTE1	Cradle takes ties up to 9.0mm wide
c Cable alongside a panel edge, no drilling	Spring steel clip	CC20–CC33, CC40	Grips steel 0.6–7.0mm thick
d Cable or conduit screwed to a bulkhead	Nylon P clip	PC10–PC19	3.2–28.6mm diameter
e Same, where vibration or chafe is a risk	Rubber covered steel P clip	PA50–PA61	4.8–25.0mm diameter
f Protecting the whole run from abrasion	Convoluted conduit	CTPA08–CTPA28, split versions	6.6–21.2mm internal diameter
g Retro-fit over an existing loom	Split conduit or spiral binding	CTPA08-S–CTPA28-S, SB6B, SB8B, SB12B	Split conduit or reusable spiral wrap
h Conduit into a sealed connector	Conduit fitting interface	CFI082–CFI124, CFIR082, CFIR083, CFIR122	8, 10 and 12mm, straight and 90°

NYLON CABLE TIES

CT series – 80mm to 780mm

AMC OCEANFLEX



The full nylon cable tie range with tensile strength in kilogrammes. **CT701** is the silver tie. All ties are packed 100 except CT701, which is offered in 10 and 100.

Part No	Length (mm)	Width (mm)	Strength (kg)	Colours available	Pack sizes	Part No	Length (mm)	Width (mm)	Strength (kg)
CT401	80	2.5	8.0	Black	100	CT4062	370	4.8	22.2
CT402	100	2.5	8.1	Black, Natural	100	CT408	200	7.6	54.4
CT403	140	3.6	18.2	Black	100	CT409	300	7.6	54.4
CT4031	200	3.6	18.2	Black, Natural	100	CT4091	368	7.6	54.4
CT4032	300	3.6	18.2	Black	100	CT4092	430	9.0	79.4
CT404	120	4.8	22.2	Black	100	CT410	526	9.0	79.4
CT405	160	4.8	22.2	Black	100	CT411	780	9.0	79.4
CT406	200	4.8	22.2	Black, Natural	100	CT701	300	4.8	22.2
CT4061	300	4.8	22.2	Black	100	—	—	—	—

CT4062, CT410 are available in black and natural; CT701 is silver, pack sizes 10 and 100. All other ties in the right-hand group are black, packed 100.

Cable ties and mounts & Clips and conduit interfaces

SELF ADHESIVE MOUNTING CLIPS · SPRING STEEL CABLE CLIPS · NYLON AND RUBBER-COVERED STEEL P CLIPS · CFI INTERFACES

CABLE TIE FIXINGS

CTM mounts, CTC cradle and CTE eyelet

AMC **OCEANFLEX**



2 way and 4 way cable tie mounts with a self adhesive base; alternatively the mount can be fixed using a self tapping screw through the hole in the centre. The **cradle** suits the larger cable ties and is fixed with a self tapping screw. The **eyelet** fixes cable ties securely to a firm surface. Available in black (B).

Part No	Type	Maximum cable tie size (mm)	Base size (mm)	Fixing (mm)	Pack size
a CTM3	Cable tie mount, self adhesive base	4.8	19.0 × 19.0	3.5	100
a CTM4	Cable tie mount, self adhesive base	4.8	28.0 × 28.0	5.7	100
b CTC1	Cable tie cradle	9.0	21.9 × 15.9	5.0	100
c CTE1	Cable tie eyelet	5.0	20.0 × 10.0	4.3	100

MOUNTING CLIPS

SC aluminium and MCA nylon, self adhesive base

AMC **OCEANFLEX**



Aluminium cable mounting clips with a self adhesive base, suitable for fixing cables or conduit; and the nylon equivalent in natural (N) in three sizes to 12.0mm cable diameter.

Part No	Material	Maximum cable diameter (mm)	Base size (mm)	Pack size
SC1	Aluminium	6.3	16.0 × 11.0	250
SC2	Aluminium	10.0	19.0 × 16.0	250
MCA1	Nylon, natural	3.8	16.0 × 16.0	100
MCA2	Nylon, natural	7.7	25.0 × 25.0	100
MCA3	Nylon, natural	12.0	27.0 × 27.0	100

CABLE CLIPS (STEEL)

CC series — round and rectangular profile

AMC **OCEANFLEX**



Spring steel clips that grip the edge of a panel or bracket and hold a cable or conduit alongside it, with no drilling. Column A is the steel gauge the clip grips; column B the cable diameter it holds.

Part No	Profile	A — suitable for steel gauge (mm)	B — suitable for cable diameter (mm)	Pack size
CC20	Round	4.0–7.0	6.0–7.0	25
CC21	Round	4.0–7.0	8.0–9.0	25
CC22	Round	4.0–7.0	10.0–11.0	25
CC23	Round	4.0–7.0	12.0–14.0	25
CC30	Round	2.0–4.0	6.0–7.0	25
CC31	Round	2.0–4.0	8.0–9.0	25
CC32	Round	2.0–4.0	10.0–11.0	25

Mounting clips, P clips & conduit interfaces (continued)

SELF ADHESIVE MOUNTING CLIPS • SPRING STEEL CABLE CLIPS • NYLON AND RUBBER-COVERED STEEL P CLIPS • CFI INTERFACES

CABLE CLIPS (STEEL)

CC series — round and rectangular profile (continued)

AMC **OCEANFLEX**

Part No	Profile	A — suitable for steel gauge (mm)	B — suitable for cable diameter (mm)	Pack size
CC33	Round	2.0–4.0	12.0–14.0	25
CC40	Rectangular	0.6–4.5	12.0 × 7.0	25

P CLIPS (NYLON)

PC series — 3.2mm to 28.6mm

AMC **OCEANFLEX**



Nylon P clips for fixing cables, conduit and hose. Available in black (B). Dimension A is the cable or conduit diameter the clip takes, B the fixing hole and C the overall height.

Part No	A (mm)	B (mm)	C (mm)	Pack size	Part No	A (mm)	B (mm)	C (mm)	Pack size
PC10	3.2	5.2	13.2	50	PC15	12.6	5.2	12.8	50
PC11	4.5	5.2	9.7	50	PC16	15.8	4.6	12.0	25
PC12	6.3	5.2	9.7	50	PC17	19.4	5.3	12.0	25
PC13	7.6	4.8	9.7	50	PC18	25.4	4.6	12.0	25
PC14	9.3	4.8	9.7	50	PC19	28.6	4.6	12.7	25

P CLIPS (ZINC PLATED STEEL)

PA series — black rubber covered

AMC **OCEANFLEX**



Black rubber covered zinc plated mild steel P clips for fixing cables, conduit etc. **Rubber covered to provide protection against vibration and chafing** — the clip to use where a metal clip alone would cut into the sheath over time. Twelve sizes from 4.8mm to 25.0mm, all packed 10.

Part No	A (mm)	B (mm)	C (mm)	Pack size	Part No	A (mm)	B (mm)	C (mm)	Pack size
PA50	4.8	6.2	12.7	10	PA56	14.0	6.2	12.7	10
PA51	6.0	6.2	12.7	10	PA57	16.0	6.2	12.7	10
PA52	8.0	6.2	12.7	10	PA58	17.0	6.2	12.7	10
PA53	10.0	6.2	12.7	10	PA59	19.0	6.2	12.7	10
PA54	12.0	6.2	12.7	10	PA60	21.0	6.2	12.7	10
PA55	13.0	6.2	12.7	10	PA61	25.0	6.2	12.7	10

CONDUIT FITTING INTERFACES

CFI and CFIR — Superseal to CTPA conduit

AMC **OCEANFLEX**



This product is ideal to interface the Superseal connectors with the black CTPA conduit, helping to protect the cable from dirt and other types of ingress. In addition the **90° version allows the conduit to rotate 360° around the connector housing**, which can minimise problems caused by movement or vibration.

Part No	Description	Conduit compatibility (un-split / split)	Superseal compatibility (male / female)	Pack sizes
CFI082	8mm conduit interface	CTPA08 / CTPA08-S	SS2M/SS2F	10, 100
CFI083	8mm conduit interface	CTPA08 / CTPA08-S	SS3M/SS3F	10, 100

Clips and conduit interfaces & VTE 200 Series

SELF ADHESIVE MOUNTING CLIPS · SPRING STEEL CABLE CLIPS · NYLON AND RUBBER-COVERED STEEL P CLIPS · CFI INTERFACES

CONDUIT FITTING INTERFACES

CFI and CFR - Superseal CTPA conduit (continued)

AMC **OCEANFLEX**

Part No	Description	Conduit compatibility (un-split / split)	Superseal compatibility (male / female)	Pack sizes
CFI084	8mm conduit interface	CTPA08 / CTPA08-S	SS4M/SS4F	10, 100
CFI102	10mm conduit interface	CTPA10 / CTPA10-S	SS2M/SS2F	10, 100
CFI103	10mm conduit interface	CTPA10 / CTPA10-S	SS3M/SS3F	10, 100
CFI104	10mm conduit interface	CTPA10 / CTPA10-S	SS4M/SS4F	10, 100
CFI122	12mm conduit interface	CTPA12 / CTPA12-S	SS2M/SS2F	10, 100
CFI123	12mm conduit interface	CTPA12 / CTPA12-S	SS3M/SS3F	10, 100
CFI124	12mm conduit interface	CTPA12 / CTPA12-S	SS4M/SS4F	10, 100
CFIR082	8mm 90° conduit interface	CTPA08 / CTPA08-S	SS2M/SS2F	10, 100
CFIR083	8mm 90° conduit interface	CTPA08 / CTPA08-S	SS3M/SS3F	10, 100
CFIR122	12mm 90° conduit interface	CTPA12 / CTPA12-S	SS2M/SS2F	10, 100

VTE 200 SERIES

Designed to protect ring and lug terminals

AMC **OCEANFLEX**



Available in sizes from 12mm up to 34mm. The 200 Series works with stud and eyelet terminals and is commonly used on **inverters, starters, windlasses, chargers and other high energy connections**. For use with stud-type terminal posts. VTE insulators are designed for use in marine, commercial, industrial and vehicle markets.

Material: PVC · Flammability: UL94-V2 · Temperature Rating: 105°C. Dimension A is the terminal outside diameter, B the post height, C the inside grip diameter, D the cable entry and E the terminal length.

Part No	A terminal O.D. (mm)	B post height (mm)	C inside grip dia (mm)	D entry (mm)	E terminal length (mm)	Material thickness (mm)	Colour	Pack size
212N1V02	12.0	17.8	12.7	3.30	25.4	1.5	Red	10
212N1V14	12.0	17.8	12.7	3.30	25.4	1.5	Black	10
212N2V02	12.0	17.8	12.7	7.62	25.4	1.5	Red	10
212N2V14	12.0	17.8	12.7	7.62	25.4	1.5	Black	10
214N1V02	14.0	19.1	12.7	3.30	25.4	1.5	Red	10
214N1V14	14.0	19.1	12.7	3.30	25.4	1.5	Black	10
214N2V02	14.0	19.1	12.7	7.62	25.4	1.5	Red	10
214N2V14	14.0	19.1	12.7	7.62	25.4	1.5	Black	10
216E2V02	16.0	20.3	12.7	7.62	31.8	1.5	Red	10
216N1V02	16.0	20.3	12.7	3.30	25.4	1.5	Red	10
216N1V14	16.0	20.3	12.7	3.30	25.4	1.5	Black	10
216N2V02	16.0	20.3	12.7	7.62	25.4	1.5	Red	10
216N2V14	16.0	20.3	12.7	7.62	25.4	1.5	Black	10
218E2V02	18.0	22.1	12.7	7.62	31.8	1.5	Red	10
218E2V14	18.0	22.1	12.7	7.62	31.8	1.5	Black	10
218N2V02	18.0	22.1	12.7	7.62	25.4	1.5	Red	10
218N2V14	18.0	22.1	12.7	7.62	25.4	1.5	Black	10
220E3V02	20.0	24.1	17.8	12.7	44.5	1.8	Red	10
220E3V14	20.0	24.1	17.8	12.7	44.5	1.8	Black	10
220N2V02	20.0	24.1	17.8	7.62	33.5	1.8	Red	10

VTE 200 Series terminal insulators (continued)

RING AND LUG TERMINAL PROTECTION • 12MM TO 34MM • PVC, UL94-V2, RATED 105°C • RED AND BLACK

VTE 200 SERIES

Designed to protect ring and lug terminals (continued)

AMC **OCEANFLEX**

Part No	A terminal O.D. (mm)	B post height (mm)	C inside grip dia (mm)	D entry (mm)	E terminal length (mm)	Material thickness (mm)	Colour	Pack size
220N3V02	20.0	24.1	17.8	12.7	33.5	1.8	Red	10
220N3V14	20.0	24.1	17.8	12.7	33.5	1.8	Black	10

VTE 200 SERIES — 22MM TO 34MM

The larger insulators

AMC **OCEANFLEX**



The larger sizes in the 200 Series, for battery bank interconnects, bow thruster feeds and main switch terminals. Material thickness increases with size, from 1.8mm at 22mm through to 2.5mm at 34mm.

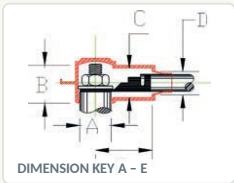
Part No	A terminal O.D. (mm)	B post height (mm)	C inside grip dia (mm)	D entry (mm)	E terminal length (mm)	Material thickness (mm)	Colour	Pack size
222E3V02	22.0	26.7	17.8	12.7	44.5	1.8	Red	10
222N3V02	22.0	26.7	17.8	12.7	33.5	1.8	Red	10
222N3V14	22.0	26.7	17.8	12.7	33.5	1.8	Black	10
224N3V02	24.0	28.7	17.8	12.7	41.2	2.0	Red	10
224N3V14	24.0	28.7	17.8	12.7	41.2	2.0	Black	10
226E3V02	26.0	31.8	17.8	12.7	52.3	2.0	Red	10
226N2V02	26.0	31.8	17.8	7.62	41.2	2.0	Red	10
226N3V14	26.0	31.8	17.8	12.7	41.2	2.0	Black	10
228E3V02	28.0	33.5	19.1	12.7	57.2	2.3	Red	10
228E3V14	28.0	33.5	19.1	12.7	57.2	2.3	Black	10
 228N3V02	28.0	33.5	19.1	12.7	44.5	2.3	Red	10
 228N3V14	28.0	33.5	19.1	12.7	44.5	2.3	Black	10
230N3V02	30.0	35.6	19.1	12.7	44.5	2.3	Red	10
230N3V14	30.0	35.6	19.1	12.7	44.5	2.3	Black	10
 232N4V02	32.0	38.1	22.9	17.8	44.5	2.5	Red	10
 232N4V14	32.0	38.1	22.9	17.8	44.5	2.5	Black	10
234N4V02	34.0	40.6	22.9	17.8	50.8	2.5	Red	10
234N4V14	34.0	40.6	22.9	17.8	50.8	2.5	Black	10

All VTE part numbers, which are not our standard stock list, are available to order.

READING THE 200 SERIES

Dimension key and part number structure

AMC **OCEANFLEX**



The five lettered dimensions on the drawing set which insulator fits a given terminal. **A** is the outside diameter of the terminal palm, **B** the height of the post the cover has to clear, **C** the inside diameter of the grip that holds the cover onto the cable, **D** the cable entry and **E** the terminal length.

Code	Dimension	Measure it on	Range across the 200 Series
A	Terminal outside diameter	The terminal palm	12.0 to 34.0mm
B	Post height	Stud, nut and washer stack	17.8 to 40.6mm

VTE 200 Series & VTE insulators

RING AND LUG TERMINAL PROTECTION • 12MM TO 34MM • PVC, UL94-V2, RATED 105°C • RED AND BLACK

READING THE 200 SERIES

Dimension key and part number structure (continued)

AMC **OCEANFLEX**

Code	Dimension	Measure it on	Range across the 200 Series
C	Inside grip diameter	Cable and any sleeving over it	12.7 to 22.9mm
D	Cable entry	Finished cable outside diameter	3.30 to 17.8mm
E	Terminal length	Barrel plus palm	25.4 to 57.2mm
—	Nominal material thickness	Moulding wall	1.5 to 2.5mm
02 / 14	Colour suffix	End of the part number	02 red, 14 black

DUAL POST AND TAPERED POST COVERS

458 Series and 900 Series

AMC **OCEANFLEX**



The **458 Series** insulator for dual post batteries: the cover can insulate a post when not in use, and is often used with 226 VTE Series covers. The **900 Series** protects tapered battery posts with a right cable entry; the cable entry ring can take a cable tie to secure the insulator.

Part No	Series	Application	Cable entry (mm)	Colour	Pack size
a 458NOV02	458 Series	Insulator for dual post battery, insulates a post when not in use	—	Red	10
b 900R9V02	900 Series	Insulator for tapered battery posts, right cable entry	16.0	Red	10

VTE BATTERY TERMINAL INSULATORS

415 and 430 Series – tapered style battery posts

AMC **OCEANFLEX**



High quality VTE insulators are designed for use in marine, commercial, industrial and vehicle markets. These battery terminal insulators **protect tapered style battery posts**. Material: PVC • Flammability: UL94-V2 • Temperature Rating: 105°C.

Part No	Post height (mm)	Cable entry (mm)	Colour	Pack size
415N9V02	18.8	15.9	Red	10
415N9V14	18.8	15.9	Black	10
430N8V02	21.1	17.3	Red	10
430N8V14	21.1	17.3	Black	10

VTE LUG & RING TERMINAL INSULATORS

405, 600 and 800 Series

AMC **OCEANFLEX**



Can be used with starters, generators, alternators, solenoids and other devices. Material: PVC • Flammability: UL94-V2 • Temperature Rating: 105°.

Part No	Terminal O.D. (mm)	Post height (mm)	Cable entry (mm)	Colour	Pack size
405N9V02	25.4	24.8	12.7	Red	10
405N9V14	25.4	24.8	12.7	Black	10

VTE battery, lug and L-post insulators (continued)

TAPERED POST COVERS · LUG AND RING TERMINAL INSULATORS · L-POST AND ADAPTER INSULATORS · PVC, UL94-V2

VTE LUG & RING TERMINAL INSULATORS

405, 600 and 800 Series (continued)

AMC OCEANFLEX

Part No	Terminal O.D. (mm)	Post height (mm)	Cable entry (mm)	Colour	Pack size
600N7V14	40.0	41.1	20.0	Black	10
800N8V02	18.5	26.2	7.90	Red	10

L-POST AND ADAPTER INSULATORS

433, 444, 456 and 457 Series

AMC OCEANFLEX



L-post terminal insulators are designed to protect L-Post terminals or flag terminals. **Adapter terminal insulators** are designed to protect combination connections where cables may be detached from the battery terminal. Material: PVC · Flammability: UL94-V2 · Temperature Rating: 105°C.

Part No	Type	Post height (mm)	Cable entry (mm)	Colour	Pack size
a 433L5V14	L-post terminal insulator	26.4	11.2	Black	10
a 433R5V02	L-post terminal insulator	26.4	11.2	Red	10
a 444L9V02	L-post terminal insulator	30.5	11.2	Red	10
b 456N9V02	Adapter terminal insulator	—	5.2	Red	10
b 456N9V14	Adapter terminal insulator	—	5.2	Black	10
b 457N2V02	Adapter terminal insulator	—	8.10	Red	10
b 457N3V02	Adapter terminal insulator	—	14.0	Red	10
b 457N3V14	Adapter terminal insulator	—	14.0	Black	10

Illustrated on the source page: 405N9V02, 405N9V14, 600N7V14, 433R5V02, 800N8V02, 444L9V02, 456BN9V02, 457N3V02, 456N9V14. All VTE part numbers, which are not our standard stock list, are available to order.

VTE SERIES INDEX

Which series protects which connection

AMC OCEANFLEX



The VTE numbering is systematic: the leading digits give the series, and the letters and trailing digits give the cable entry and the colour (02 red, 14 black). This table is the route into the range — find the connection being protected, then turn to the size table for the dimensions.

Series	Protects	Sizes offered	Colours
a 200 Series	Ring and lug terminals on stud-type posts	12mm to 34mm terminal O.D.	Red and black
b 405 / 600 / 800	Lug and ring terminals on starters, generators, alternators, solenoids	18.5, 25.4 and 40.0mm terminal O.D.	Red and black
c 415 / 430	Tapered style battery posts	18.8 and 21.1mm post height	Red and black
d 433 / 444	L-post and flag terminals	26.4 and 30.5mm post height	Red and black
e 456 / 457	Combination connections where cables may be detached	5.2, 8.10 and 14.0mm cable entry	Red and black

VTE insulators & VTE busbars

4, 10 AND 12 POINT TERMINAL BUSBARS · TAB-TYPE BUSBARS · COVERS TO USCG, ISO AND ABYC

VTE SERIES INDEX

Which series protects which connection (continued – figures a–g on the previous page)

AMC **OCEANFLEX**

Series	Protects	Sizes offered	Colours
f 458 Series	Dual post batteries; insulates a post when not in use	One size	Red
g 900 Series	Tapered battery posts, right cable entry with tie ring	16.0mm cable entry	Red

Material: PVC · Flammability: UL94-V2 · Temperature Rating: 105°C throughout the VTE insulator range. All VTE part numbers, which are not our standard stock list, are available to order.

VTE 210A 4 POINT BUSBARS

Up to 4 connections to positive or negative systems

AMC **OCEANFLEX**



VTE Terminal Busbars are used to distribute power to several locations. Each busbar has various connection points, some with different sizes, which can be used in a variety of applications. VTE 4 point terminal busbars allow up to 4 connections to positive or negative systems; each connection post can maintain multiple connections, making them flexible and robust.

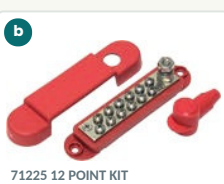
Material: Stainless steel posts, washers and hex nuts. Base material: glass-filled nylon. Individually packed.

Part No	No. of studs	Max rating (Amps) @ 12V	Overall dimensions H x W x D (mm)	Colour	Suitable cover
7704N0N02	3 × 3/8" (9.5mm) and 1 × 1/4" (6.4mm)	210	26.8 × 28.9 × 133.5	Red	314NP00
7705N0N14	3 × 5/16" (7.9mm) and 1 × 1/4" (6.4mm)	210	26.8 × 28.9 × 133.5	Black	314NP00

VTE 150A 10 POINT AND 180A 12 POINT

Multi-point distribution to USCG, ISO and ABYC

AMC **OCEANFLEX**



The **10 point busbar** allows up to 10 electrical connections, each running up to 15 amps continuously. With the optional terminal cover, the assembly complies with USCG, ISO and ABYC standard requirements.

The **12 point busbar kit** allows up to 12 electrical connections, each running up to 15 amps continuously. Using the terminal cover and insulators provided, the assembly complies with USCG, ISO and ABYC standard requirements. Each kit includes a 12 point busbar, cover and a 218N2V Series Insulator. Material: stainless steel posts, washers and hex nuts; base material glass-filled nylon. Individually packed.

Part No	No. of studs	No. of screws	Max rating (Amps) @ 12V	Overall dimensions H x W x D (mm)	Colour	Suitable cover
a 771025N0N02	2 × 1/4" (6.4mm)	10 × 4.2mm	150A	37.3 × 31.8 × 152.4	Red	724N3P02/05
a 771025N0N14	2 × 1/4" (6.4mm)	10 × 4.2mm	150A	37.3 × 31.8 × 152.4	Black	724N3P14
b 71225N02	1 × 1/4" (6.4mm)	12 × 4.2mm	180A	27.8 × 28.9 × 132.9	Red	Cover and insulator included
b 71225N14	1 × 1/4" (6.4mm)	12 × 4.2mm	180A	27.8 × 28.9 × 132.9	Black	Cover and insulator included

VTE TAB-TYPE BUSBARS

TTB series – push-on quick disconnect terminals

AMC **OCEANFLEX**



Tab-type busbars accept “push-on” type quick disconnect terminals. **This greatly increases production speed, whilst reducing labour costs.** Material: stainless steel tabs, nickel-plated connection plate; base material glass-filled nylon. Individually packed. Suitable terminal available separately: T405.

Part No	No. of studs	No. of tabs	Max rating (Amps) @ 12V	Overall dimensions H x W x D (mm)	Colour	Cover kit with insulators	Terminal
TTB710N02	1 × 1/4" (6.4mm)	10 × 6.3mm	120A	43.5 × 44.5 × 123.8	Red	7102030N2	T405
TTB710N14	1 × 1/4" (6.4mm)	10 × 6.3mm	120A	43.5 × 44.5 × 123.8	Black	7102030N3	T405

VTE busbars & VTE distribution posts

4, 10 AND 12 POINT TERMINAL BUSBARS · TAB-TYPE BUSBARS · COVERS TO USCG, ISO AND ABYC

VTE TAB-TYPE BUSBARS

TTB series — push-on quick disconnect terminals (continued)

AMC **OCEANFLEX**

Part No	No. of studs	No. of tabs	Max rating (Amps) @ 12V	Overall dimensions H x W x D (mm)	Colour	Cover kit with insulators	Terminal
TTB720N02	1 × 1/4" (6.4mm)	20 × 6.3mm	120A	49.9 × 44.5 × 123.8	Red	7102030N2	T405
TTB720N14	1 × 1/4" (6.4mm)	20 × 6.3mm	120A	49.9 × 44.5 × 123.8	Black	7102030N3	T405

VTE BUSBAR COVERS AND COVER KITS

314, 724 and 7102030 series

AMC **OCEANFLEX**



Covers for 4 point and 10 point busbars, providing protection against accidental shorts. Material: 4 point cover PVC, 10 point cover polypropylene with rubber inserts. Individually packed. The tab-type cover kits each include a cover and insulator; they comply with ABYC, ISO and USCG requirements.

Part No	Overall dimensions H x W x D (mm)	Colour	Complete with insulators	To cover busbar style	To cover busbar
a 314N0P00	44.5 × 58.0 × 190.5	Clear	—	4 Point	7704N0N02/14
a 724N3P02	47 × 43 × 183	Red	—	10 Point	771025N0N02
a 724N3P05	47 × 43 × 183	Yellow	—	10 Point	771025N0N14
a 724N3P14	47 × 43 × 183	Black	—	10 Point	771025N0N14
b 7102030N2	37 × 31 × 118	Red	216N1V02 / 216N2V02	10 or 20 Tab Type	TTB710N02 / TTB720N02
b 7102030N3	37 × 31 × 118	Black	216N1V14 / 216N2V14	10 or 20 Tab Type	TTB710N14 / TTB720N14

All VTE part numbers, which are not our standard stock list, are available to order.

VTE 1 POINT POWER DISTRIBUTION POSTS

Securely fasten multiple cables to a single point

AMC **OCEANFLEX**



Designed to securely fasten multiple cables to a single point. They can be used for positive or negative wires and cables, and come in various sizes to fit your needs and budget. Material: glass-filled nylon base, stainless steel stud, nut and washer. Individually packed.

Part No	Stud size	Max rating (Amps) @12V	Polarity	Colour	Overall dimensions H x W x D (mm)	Base size
77025N02	1/4" (6.4mm)	150	+ VE	Red	39.4 × 24.6 × 53.3	Small
77025N14	1/4" (6.4mm)	150	- VE	Black	39.4 × 24.6 × 53.3	Small
77031N02	5/16" (7.9mm)	190	+ VE	Red	41.1 × 24.6 × 53.3	Small
77031N14	5/16" (7.9mm)	190	- VE	Black	41.1 × 24.6 × 53.3	Small
77131N02	5/16" (7.9mm)	190	+ VE	Red	53.6 × 44.5 × 83.8	Large
77131N14	5/16" (7.9mm)	190	- VE	Black	53.6 × 44.5 × 83.8	Large
77137N02	3/8" (9.5mm)	240	+ VE	Red	54.4 × 44.5 × 83.8	Large
77137N14	3/8" (9.5mm)	240	- VE	Black	54.4 × 44.5 × 83.8	Large

Specification support for naval architects, yards and refit contractors: drawings, data sheets and sample parts are available on request, and the fusing, busbar and termination plan is checked against the cable schedule before despatch — 800BOATS.

VTE distribution posts & Battery terminals

1 POINT AND 8 POINT POSTS · INSULATING DISCS · COPPER CORE POWER BUSHINGS THROUGH A BARRIER

VTE 8 POINT POWER DISTRIBUTION POSTS

Connect several cables to a central location

AMC **OCEANFLEX**



Used to connect several wires and cables to a central location. These devices can be used to deliver power to a control panel, feed multiple low-current devices, or when grounding wires and cables. Material: glass-filled nylon base, stainless steel post, nickel-plated copper alloy conductive disc and tin-plated copper alloy conductive nuts. Individually packed.

Part No	Stud size	Max rating (Amps) @12V	Polarity	Colour	Overall dimensions H x W x D (mm)	Suitable insulating disc
a 77831N02	5/16" (7.9mm)	160	+ VE	Red	53.8 × 45.4 × 85	b 479A9P00
a 77831N14	5/16" (7.9mm)	160	- VE	Black	53.8 × 45.4 × 85	b 479A9P00
a 77837N02	3/8" (9.5mm)	160	+ VE	Red	55.8 × 45.4 × 85	b 479B9P00*
a 77837N14	3/8" (9.5mm)	160	- VE	Black	55.8 × 45.4 × 85	b 479B9P00*
b 479A9P00	Clear insulating disc	—	—	Clear	67 × 2.4 dia x thickness	For 77831N02 / 77831N14

*Available to order, not currently stocked. The clear insulating disc protects against shorts and is suitable for use with the 8 point power distribution posts (7.9mm). Material: clear polypropylene. Individually packed. All VTE part numbers, which are not our standard stock list, are available to order.

VTE POWER BUSHINGS

Copper core bushings for passing current through a barrier

AMC **OCEANFLEX**



An innovative and unique solution for passing current through a barrier. Easy to assemble and install for panel thicknesses up to 3/8" (9.5mm). Available in standard and **weatherproof** options denoted by a "W"; the weatherproof option includes panel seal and insulator. Material: glass-filled nylon bushing, nickel plated steel stud. Individually packed.

The **copper core jumper bushing** flush mount kit can be used when installing a pair of bushings to sheet metal. Kit includes 1 red and 1 black jumper bushing, 1 adhesive template drilling guide and 1 plastic divider. Individually packed.

Part No	Stud size	Nominal Amps	Peak Amps	Colour	Notes
a CCB376NONR02	3/8" (9.5mm)	440	550	Red	Standard
a CCB376NONR02W	3/8" (9.5mm)	440	550	Red	Weatherproof, includes panel seal and insulator
b CCJB376FMKM	3/8" (9.5mm)	350 max @12V	—	Red/Black	Flush mount jumper bushing kit

QUICK RELEASE AND DISCONNECT

BT330N/P, BT335N and BT336N

AMC **OCEANFLEX**



BT330N/P quick release terminals are designed to be fitted onto or removed from a battery without tools. Material: passivated steel. Suitable for cables up to 25 mm². Packed as a pair (1 positive, 1 negative) or 25 pairs.

BT335N is a brass battery terminal suitable for use as a simple security device or battery isolator: the vehicle cannot be started as the battery is isolated once the green top has been unscrewed. This terminal fits on the negative battery post. **BT336N** is as BT335N but with a fused link to maintain a supply to the alarm, radio, ECU etc, and is supplied with a 5A fuse.

Part No	Type	Material	Notes	Pack
a BT330N/P	Quick release	Passivated steel	Fitted or removed without tools, cables up to 25 mm ²	Pair or 25 pairs
b BT335N	Disconnect, negative post	Brass	Battery isolated once the green top is unscrewed	Individually packed
c BT336N	Disconnect with fused link	Brass	Maintains supply to alarm, radio, ECU; supplied with a 5A fuse	Individually packed

Battery terminals (continued)

QUICK RELEASE · DISCONNECT · SCREW FIXING · STUD AND NUT · WINGNUT · SOLDER OR CRIMP · TIN PLATED BRASS

SCREW, STUD AND WINGNUT FIXING

BT450 to BT465 — tin plated brass

AMC **OCEANFLEX**



Battery terminals with screw fixings, stud and nut fixings, and stud and wingnut fixing. Material: tin plated brass throughout. Note that BT465 is packed 8, the rest 10.

Part No	Fixing	Polarity	Suitable for cables (mm ²)	Cable entry hole size (mm)	Stud size (mm)	Stud length (mm)	Pack size
a BT450N	Screw	-VE	Up to 40	9.5	—	—	10
a BT450P	Screw	+VE	Up to 40	9.5	—	—	10
a BT451N	Screw	-VE	Up to 60	11.8	—	—	10
a BT451P	Screw	+VE	Up to 60	11.8	—	—	10
a BT452N	Screw	-VE	Up to 95	16.0	—	—	10
a BT452P	Screw	+VE	Up to 95	16.0	—	—	10
b BT461N	Stud and nut	-VE	—	—	8.0	14	10
b BT461P	Stud and nut	+VE	—	—	8.0	14	10
c BT462N	Stud and wingnut	-VE	—	—	8.0	14.0	10
c BT462P	Stud and wingnut	+VE	—	—	8.0	14.0	10
b BT463N	Stud and nut	-VE	—	—	10.0	14	10
b BT463P	Stud and nut	+VE	—	—	10.0	14	10
b BT465N	Stud and nut	-VE	—	—	10.0	30	8
b BT465P	Stud and nut	+VE	—	—	10.0	30	8

Illustrated on the source pages: BT450, BT451, BT452, BT461, BT463, BT465, BT335N, BT336N.

SOLDER OR CRIMP TERMINALS

BT472 to BT475, BT457, BT458 and BT441

AMC **OCEANFLEX**



Battery terminals suitable for crimping or soldering, listed against the AMC cable part numbers they suit. **Universal** terminals are designed to fit either the positive or negative battery post. Material: tin plated brass. **BT441** is suitable for crimping or for fixing a cable with a ring terminal.

Part No	Polarity	Suitable for cables	Cable entry hole size (mm)	Pack size
a BT472N	-VE	934, PVC25, 400	7.2	10
a BT472P	+VE	934, PVC25, 400	7.2	10
a BT473N	-VE	935, PVC35, PVC40, PVC50	8.9	10
a BT473P	+VE	935, PVC35, PVC40, PVC50	8.9	10
a BT475N	-VE	PVC70	11.5	10
a BT475P	+VE	PVC70	11.5	10
b BT457	Universal	PVC16, PVC20	5.9	10
b BT458	Universal	934, PVC25, 400	7.0	10
c BT441N	-VE	10–20 mm ² , crimp or ring terminal	—	10
c BT441P	+VE	10–20 mm ² , crimp or ring terminal	—	10

Angle covers & battery terminal covers

PUSH-ON COVERS FOR COPPER TUBE TERMINALS • PVC BATTERY TERMINAL COVERS IN THREE BODY SIZES

AFTERMARKET ANGLE COVERS

AC series — rubber and PVC

AMC **OCEANFLEX**



Push on terminal covers suitable for use with a variety of copper tube terminals. Material: rubber (AC1-AC3), PVC (AC4-AC11). Dimension A is the internal sleeve diameter, B the internal cap diameter and C the internal cap depth.

Part No	c A internal sleeve diameter (mm)	c B internal cap diameter (mm)	c C internal cap depth (mm)	Colour	Pack sizes
a AC1B	6.5	10.5	11.5	Black	10, 100
a AC2B	8.0	15.5	17.0	Black	10, 100
a AC2R	8.0	15.5	17.0	Red	10, 100
a AC3B	9.0	15.5	22.5	Black	10, 100
a AC4B	17.0	25.0 × 38.0	18.5	Black	10, 100
a AC4R	17.0	25.0 × 38.0	18.5	Red	10, 100
b AC8B	4.0-6.0	13.0	18.5	Black	10, 100
b AC8R	4.0-6.0	13.0	18.5	Red	10, 100
b AC9B	8.0-12.0	19.0	20.0	Black	10, 100
b AC9R	8.0-12.0	19.0	20.0	Red	10, 100
b AC10B	14.0-20.0	30.0	33.0	Black	10, 100
b AC10R	14.0-20.0	30.0	33.0	Red	10, 100
b AC11B	20.0-26.0	35.0	38.0	Black	10, 100
b AC11R	20.0-26.0	35.0	38.0	Red	10, 100

Illustrated on the source page: AC1B, AC3B, AC2, AC4, AC8, AC10, AC9, AC11.

BATTERY TERMINAL COVERS

BTC series — PVC, three body sizes

AMC **OCEANFLEX**



Battery terminal covers suitable for use with a variety of battery terminals. Material: PVC. The **BTC10**, **BTC20** and **BTC30** body has internal dimensions (L) 48mm, (W) 35mm, (H) 25mm and an internal barrel diameter of 14mm. The **BTC60** body is (L) 62mm, (W) 35mm, (H) 28mm with a 16mm internal barrel. **BTC50** suits stud type battery terminals.

Part No	Polarity	Suitable for use in conjunction with	Colour	Pack sizes
a BTC10B	-VE	BT457, BT458, BT472, BT473	Black	10, 100
a BTC10R	+VE	BT457, BT458, BT472, BT473	Red	10, 100
a BTC20B	-VE	BT450, BT451	Black	10, 100
a BTC20R	+VE	BT450, BT451	Red	10, 100
a BTC30B	-VE	—	Black	10, 100
a BTC30R	+VE	—	Red	10, 100

AMC manufactures in the UK and makes to order beyond the listed range — bespoke colours, core counts, lengths and branding are available through Custom Marine with the manufacturer's minimum order quantities — custommarine.ae.

Terminal covers & Butt splices

TINNED COPPER CRIMP SPLICES 6 TO 70 MM² · OPEN END TERMINALS FOR CRIMPING OR SOLDERING · FLUX CORED SOLDER

BATTERY TERMINAL COVERS

BTC series – PVC, three body sizes (continued – figures a–c on the previous page)

AMC **OCEANFLEX**

Part No	Polarity	Suitable for use in conjunction with	Colour	Pack sizes
b BTC60B	-VE	BT475	Black	10, 100
b BTC60R	+VE	BT475	Red	10, 100
c BTC50B	-VE	BT461, BT462, BT463 (stud type)	Black	10, 100
c BTC50R	+VE	BT461, BT462, BT463 (stud type)	Red	10, 100

Illustrated on the source page: BTC10, BTC20, BTC30, BTC60, BTC50.

BUTT SPLICES

CTB series – tinned copper

AMC **OCEANFLEX**



Crimp butt splices for joining cables. Material: tinned copper. Dimension C is the cable entry and L the overall length; both matter when planning the heat shrink sleeve that will cover the finished joint.

Part No	Suitable for cables (mm ²)	C cable entry (mm)	L length (mm)	Pack sizes
CTB06	6	4.0	20	10, 100
CTB10	10	4.5	23	10, 100
CTB16	16	5.5	30	10, 100
CTB25	25	6.7	35	10, 100
CTB35	35	8.6	40	10, 100
CTB50	40–50	9.5	40	10, 100
CTB70	60–70	12	45	10, 100

OPEN END TERMINALS

ET series – crimp or solder, tinned copper

AMC **OCEANFLEX**



Open end terminals suitable for crimping or soldering. Material: tinned copper. The open barrel takes a cable that has already been run and terminated at the far end, without threading the conductor through a closed tube. Dimension S is the stud hole size, L the length and W the width of the palm.

Part No	Suitable for cables (mm ²)	C cable entry (mm)	S stud hole size (mm)	L length (mm)	W width (mm)	Pack sizes
ET10/6	10	4.5	6.4	23.3	12.0	10, 100
ET10/8			8.4	29.2	15.0	
ET10/10			10.5	29.2	15.0	
ET16/6	16	5.8	6.4	29.2	12.0	10, 100
ET16/8			8.4	32.5	16.0	
ET16/10			10.5	32.5	16.0	
ET25/6	25	7.7	6.4	33.5	16.5	10, 100
ET25/8			8.4	33.5	16.5	

Butt splices & Copper tube terminals

TINNED COPPER CRIMP SPLICES 6 TO 70 MM² · OPEN END TERMINALS FOR CRIMPING OR SOLDERING · FLUX CORED SOLDER

OPEN END TERMINALS

ET series — crimp or solder, tinned copper (continued)

AMC **OCEANFLEX**

Part No	Suitable for cables (mm ²)	C cable entry (mm)	S stud hole size (mm)	L length (mm)	W width (mm)	Pack sizes
ET25/10	25	7.7	10.5	33.5	16.5	10, 100
ET35/8	35	9.4	8.4	42.7	22.0	10, 100
ET35/10			10.5	42.7	22.0	
ET50/8	40–50	11.4	8.4	49.7	22.0	10, 100
ET50/10			10.5	49.7	22.0	
ET70/8	60–70	13.3	8.4	50.0	24.0	10, 50
ET70/10			10.5	51.0	24.0	

SOLDER

RS7 and RS12 flux cored solder wire

AMC **OCEANFLEX**



Flux cored solder wire, 40% tin, 60% lead. Individually packed. See the tools pages for the TT95 gas micro torch suitable for brazing and soldering.

Part No	Standard wire gauge (SWG)	Wire diameter (mm)	Weight (g)
RS7	18	1.2	500 (½ Kilo)
RS12	14	2.0	500 (½ Kilo)

CTT SERIES

Copper tube terminals 6 to 25 mm²

AMC **OCEANFLEX**



Copper Tube Terminals with **extra long barrels** and a new heavy duty construction. All terminals feature an **inspection hole** so the conductor can be seen to have reached the end of the barrel before crimping. Suitable for crimping or soldering. Material: tinned copper.

The part number reads cable section / stud hole: CTT25/10 is a 25 mm² terminal with a 10mm stud hole. Dimension C is the cable entry, S the stud hole size, L the length and W the palm width.

Part No	Suitable for cables (mm ²)	C cable entry (mm)	S stud hole size (mm)	L length (mm)	W width (mm)	Pack sizes
CTT06/5	6	4.5	5.3	27	8	10, 100
CTT06/6			6.3	27	9	
CTT06/8			8.4	30	11	
CTT10/5	10	4.5	5.1	30	11	10, 100
CTT10/6			6.5	31	11	
CTT10/8			8.6	35	13	
CTT10/10			10.2	40	15	
CTT10/12			13.0	41	19	
CTT16/5	16	5.5	5.1	40	11	10, 100
CTT16/6			6.5	40	11	
CTT16/8			8.6	39	13	

Copper tube terminals (continued)

EXTRA LONG BARRELS, HEAVY DUTY CONSTRUCTION, INSPECTION HOLE • 6 MM² TO 120 MM² • CRIMP OR SOLDER

CTT SERIES

Copper tube terminals 6 25 25 mm² (continued)

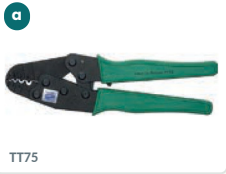
AMC **OCEANFLEX**

Part No	Suitable for cables (mm ²)	C cable entry (mm)	S stud hole size (mm)	L length (mm)	W width (mm)	Pack sizes
CTT16/10	16	5.5	10.5	42	15	10, 100
CTT16/12			13.0	44	17	
CTT25/5			5.2	40	13	
CTT25/6	25	7.0	6.6	39	14	10, 100
CTT25/8			8.5	41	15	
CTT25/10			10.4	44	16	
CTT25/12			13	45	18	

CRIMPING THE RANGE

Which tool covers which terminal

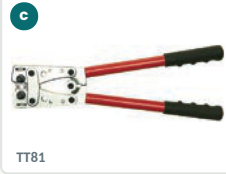
AMC **OCEANFLEX**



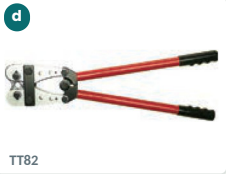
TT75



TT80



TT81



TT82



TT83

Match the tool to the terminal, not to the cable. TT75 is the ratchet tool for the light end of the range; TT81 and TT82 rotate their dies to produce a hexagonal crimp; TT83 is the hammer or vice tool that will take anything up to 120 mm².

Tool	Terminal range	Crimp form	Tool length
a TT75	1.5–10mm ²	Ratchet	260mm
c TT81	6–50mm ²	Hexagonal, rotating dies	390mm
b TT80	10–120mm ²	Heavy duty	580mm
d TT82	10 to 120mm ²	Hexagonal, rotating dies	637mm
e TT83	Up to 120mm ²	Spring loaded punch, hammer or vice	—

CTT SERIES — 35 TO 120 MM²

The heavy end of the range

AMC **OCEANFLEX**



The heavy copper tube terminals for battery bank interconnects, thruster and windlass feeds and main switch connections. Crimp with TT75, TT80, TT81, TT82 or TT83 — see the tools pages for the range each tool covers.

Part No	Suitable for cables (mm ²)	C cable entry (mm)	S stud hole size (mm)	L length (mm)	W width (mm)	Pack sizes
CTT35/6	35	8.2	6.5	41	15	10, 100
CTT35/8			8.4	41	15	
CTT35/10			10.6	46	15	

Copper tube terminals & Busbars

TIN PLATED COPPER BAR WITH STAINLESS STEEL STUDS · 100 TO 300 AMPS · ENCLOSED BUSBARS · DISTRIBUTION POSTS

CTT SERIES — 35 TO 120 MM²

The heavy end of the range (continued)

AMC **OCEANFLEX**

Part No	Suitable for cables (mm ²)	C cable entry (mm)	S stud hole size (mm)	L length (mm)	W width (mm)	Pack sizes
CTT35/12	35	8.2	13.0	47	18	10, 100
CTT50/6	40–50	9.5	6.4	47	18	10, 100
CTT50/8			8.5	45	17.5	
CTT50/10			10.6	50	17.5	
CTT50/12			12.9	50	18	
CTT70/8	60–70	11.5	8.5	47	21	10, 50
CTT70/10			10.2	52	21	
CTT70/12			13.1	53	21	
CTT95/8	95	13.4	8.6	59	24	10
CTT95/10			10.4	59	25	
CTT95/12			13	59	25	
CTT120/10	120	15.0	10.4	73	27	10
CTT120/12			12.9	73	27	

STUD BUSBARS

BB104, BB154, BB254 and BB156

AMC **OCEANFLEX**



Available in a variety of amp ratings. Material: tin plated copper bar, stainless steel studs. Individually packed. Each busbar has a matching ABS cover listed below.

Part No	No. of studs	Rating (Amps)	Overall dimensions H x W x D (mm)	Suitable cover
a BB104	4 × 5mm	100	36 × 104 × 23	b BBC1
a BB154	4 × 6mm	150	36 × 150 × 30	b BBC2
a BB254	4 × 8mm	250	42 × 200 × 38	b BBC3
a BB156	6 × 6mm	150	36 × 230 × 32	b BBC4

STUD AND SCREW BUSBARS

BB105, BB1510, BB2512 and BB1520

AMC **OCEANFLEX**



Available in a variety of amp ratings. Material: tin plated copper bar, stainless steel studs and screws. The screw positions take small ring terminals for the light circuits while the studs carry the main feed. Individually packed.

Part No	No. of studs	No. of screws	Rating (Amps)	Overall dimensions H x W x D (mm)	Suitable cover
a BB105	2 × 5mm	5 × 4mm	100	36 × 104 × 23	b BBC1
a BB1510	2 × 6mm	10 × 4mm	150	36 × 150 × 30	b BBC2
a BB2512	2 × 8mm	12 × 4mm	250	42 × 200 × 38	b BBC3
a BB1520	2 × 6mm	20 × 4mm	150	36 × 230 × 32	b BBC4

Busbars & Anderson and master switches

TIN PLATED COPPER BAR WITH STAINLESS STEEL STUDS · 100 TO 300 AMPS · ENCLOSED BUSBARS · DISTRIBUTION POSTS

BUSBAR COVERS AND ENCLOSED BUSBARS

BBC covers, BB304, BB306 and BB1012

AMC **OCEANFLEX**



Covers suitable for the screw and stud type busbars. Material: ABS plastic. Individually packed.

Enclosed busbars come in a glass fibre reinforced nylon box; each box features **6 removable windows in the cover** for easy cable entry and exit. Material: nickel plated brass, stainless steel studs and screws. On BB1012 the bridge can be removed to leave 2 x 6 way.

Part No	Type	Configuration	Rating (Amps)	Overall dimensions H x W x D (mm)	To cover busbars
a BBC1	Cover, ABS	—	—	38 × 143 × 54	BB104, BB105
a BBC2	Cover, ABS	—	—	40 × 190 × 64	BB154, BB1510
a BBC3	Cover, ABS	—	—	45 × 235 × 70	BB254, BB2512
a BBC4	Cover, ABS	—	—	40 × 270 × 64	BB156, BB1520
b BB304	Enclosed busbar	4 × 10mm studs	300	45mm (H) x 138mm (W) x 69mm (D)	—
b BB306	Enclosed busbar	6 × 5mm screws, 2 × 10mm studs	300	45mm (H) x 138mm (W) x 69mm (D)	—
b BB1012	Enclosed busbar	12 × 4mm screws, 4 × 6mm studs	100	45mm (H) x 138mm (W) x 69mm (D)	—

POWER DISTRIBUTION POSTS AND JOINTING BOXES

BB151, PJ1 and PJ2

AMC **OCEANFLEX**



Single power distribution posts. Material: glass fibre reinforced nylon base, stainless steel stud, nickel plated brass nut. Stud size 8mm. Continuous rating 150 Amps. Max voltage 48 Volts.

Power jointing boxes are suitable for joining together several cables that are fitted with ring terminals. Each box has a lid to cover the connections and a fixing hole for securing to a firm surface. Stud size 8mm. Max rating 120 amp at 90°C. Max voltage 42 Volts.

Part No	Type	Polarity / ways	Base colour	Dimensions H x W x D (mm)	Pack sizes
a BB151B	Power distribution post	-VE	Black	—	1, 25
a BB151R	Power distribution post	+VE	Red	—	1, 25
b PJ1	Power jointing box	2 Way	—	35 × 61 × 40	1, 100
b PJ2	Power jointing box	3 Way	—	45 × 70 × 57	1, 100

ANDERSON POWER CONNECTORS

PP series — grey and red, 120 to 450 amps

AMC **OCEANFLEX**



2 pole power connectors suitable for connecting and disconnecting battery and welding cables quickly and safely. Individually boxed complete with 2 terminals. The genuine Anderson tooling held at the AMC factory means the crimp is right; ask for the connector to be fitted to the lead rather than supplied loose.

Part No	Maximum current rating (Amps)	Colour	Suitable for cables up to (mm²)	Dimensions H x W x D (mm)
a PP50S	120	Grey	6	16 × 37 × 48
a PP51S	120	Grey	16	16 × 37 × 48
a PP175S	280	Grey	60	26 × 55 × 80
a PP350S	450	Grey	70	33 × 70 × 108
b PP50R	120	Red	6	16 × 37 × 48
b PP175R	280	Red	60	26 × 55 × 80
b PP350R	450	Red	70	33 × 70 × 108

Anderson and master switches & Jump leads

2 POLE POWER CONNECTORS TO 450 AMPS · WEATHERPROOF JUNCTION BOXES · BATTERY MASTER SWITCHES TO 250 AMPS

CONNECTOR COVERS, HANDLES AND JUNCTION BOXES

PPP1, PPH1, CB8 and CB10

AMC **OCEANFLEX**



Plastic covers seal the end of the PP175 connector against water and dust ingress. **PPH1** is a strong nylon handle to allow easy disconnection of plugs, complete with fixings, suitable for PP175 and PP350.

CB8 is an 8 way weatherproof rubber junction box with screw type fittings for the cable. **CB10** is a 10 way weatherproof junction box with a hinged lid; the cable connections are made using 6.3mm male blade terminals, and it is supplied with a variety of grommets suitable for 2 core flat cable and 4, 5 and 7 core round cables. Both individually packed.

Part No	VTE original part no	Description	Colour
a PPP1B	831NØV14	Black cover for PP175S	Black
a PPP1R	831NØVØ2	Red cover for PP175S	Red
b PPH1	—	Strong nylon handle with fixings, suitable for PP175 and PP350	—
c CB8	—	8 way weatherproof rubber junction box with screw type fittings for the cable	—
d CB10	—	10 way weatherproof junction box, hinged lid, 6.3mm male blade terminals, grommets supplied	—

BATTERY MASTER SWITCHES

BM1 and BM2

AMC **OCEANFLEX**



BM1 battery master switch 100 amps, max rating 500 amps for 5 seconds. Max voltage 24 Volts. Terminal nuts / studs M10. Fitted with removable key and weather seal; now supplied with a spare key. Individually packed.

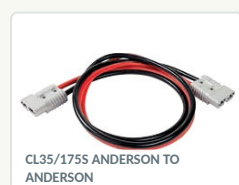
BM2 battery master switch 250 amps, max rating 2500 amps for 3 seconds. Max voltage 24 Volts. Terminal nuts / studs M10. Fitted with removable metal key and dust cap. Individually packed.

Part No	Continuous rating (Amps)	Max rating	Max voltage	Terminals	Fitted with
a BM1	100	500 amps for 5 seconds	24 Volts	Nuts / studs M10	Removable key, weather seal, spare key
b BM2	250	2500 amps for 3 seconds	24 Volts	Nuts / studs M10	Removable metal key, dust cap

CHARGING LEADS

CL series – premium product manufactured in the UK

AMC **OCEANFLEX**



AMC assemble custom made charging leads, battery straps and jump leads to the required length and specification with any combination of **Anderson connectors, copper tube terminals, clips and battery terminals**, all with the option to also apply heat-shrink sleeve. Genuine Anderson tooling means the crimp can be relied on.

Part No.	Conductor size (mm ²)	Continuous rating (Amps)	Peak rating (Amps)	Anderson connector	Length (Metres)
CL35/175S/2.1	35	240	750	PP175S × 2	2
CL35/175S/3.1	35	240	750	PP175S × 2	3

Further options are available (MOQs may apply). Call the Sales Team to discuss requirements.

Terminals, seals and the matching crimp tool are specified together at Custom Marine so the joint is right first time — 800BOATS.

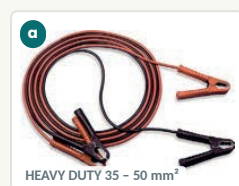
Charging leads, jump leads & crocodile clips (continued)

UK-ASSEMBLED CHARGING LEADS · PROFESSIONAL JUMP LEADS 16 TO 50 MM² · CROCODILE CLIPS TO 500 AMPS

PROFESSIONAL JUMP LEADS

JL series – 16 to 50 mm², manufactured in the UK

AMC **OCEANFLEX**



Professional, quality range of heavy duty jump leads, manufactured in the UK. 35 mm²–50 mm² · fully insulated, flexible, high grade copper · heavy duty steel crocodile clips fitted with extra strong spring · **clips are fitted with heavy duty tinned braided copper links to withstand higher amperage** · individually packaged in a heavy duty clip handled polythene bag with user safety instructions printed on the reverse.

Professional, quality range of jump leads, manufactured in the UK. 16 mm²–25 mm² · fully insulated, flexible, high grade copper · heavy duty steel crocodile clips fitted with extra strong spring · individually packaged in a heavy duty clip handled polythene bag with user safety instructions printed on the reverse.

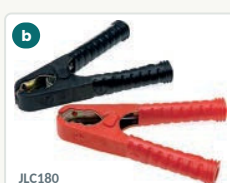
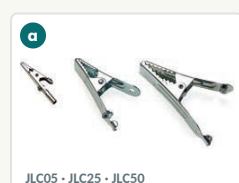
Part No	Up to vehicle size (Petrol)*	Up to vehicle size (Diesel)*	Conductor size (mm ²)	Continuous rating (Amps)	Peak rating (Amps)	Length (Metres)†
a JL624	7000cc	7000cc	35	240	750	3
a JL623	7000cc	7000cc				5
a JL627	7000cc	7000cc				3
a JL626	7000cc	7000cc	50	345	1000	5
b JL606	2500cc	2000cc	16	110	400	3
b JL608	2500cc	2000cc				5
b JL611	3500cc	2500cc				3
b JL613	3500cc	2500cc	20	135	500	5
b JL622	5000cc	3500cc	25	170	650	3
b JL620	5000cc	3500cc				5

* Recommended engine sizes intended as a guide only. If in doubt, please consult a qualified electrician. † Jump leads can be produced to any length on request.

CROCODILE CLIPS

JLC series – plated steel, insulated and heavy duty

AMC **OCEANFLEX**



Plated steel body clips in three sizes, and fully insulated galvanised steel clips taking up to 50 mm² cable. The **310** series adds a heavy duty tinned copper braided link spur across the jaws; the **500** series has a cast brass body with angled jaws and a patented cable securing method which eliminates the need to use a copper tube terminal when the cable is secured to the clip.

Part No	Body	Continuous rating (Amps)	Colour of moulded handles	Polarity	Length (mm)	Pack sizes
a JLC05	Plated steel	5	—	—	40	10, 100
a JLC25	Plated steel	25	—	—	75	10, 100
a JLC50	Plated steel	50	—	—	95	10, 200
b JLC180B	Galvanised steel, fully insulated	170	Black	-VE	195	1, 25, 100
b JLC180R	Galvanised steel, fully insulated	170	Red	+VE	195	1, 25, 100
c JLC310B	Galvanised steel, braided link spur	300	Black	-VE	195	1, 25, 100

Jump leads & Trailer plugs and sockets

12V 7 AND 13 PIN · 24V TO ISO 1185 AND ISO 3731 · ADAPTORS, GASKETS, MOUNTING PLATES AND REAR LAMP

CROCODILE CLIPS

JLC series — plated steel, insulated and heavy duty (continued — figures a–d on the previous page)

AMC **OCEANFLEX**

Part No	Body	Continuous rating (Amps)	Colour of moulded handles	Polarity	Length (mm)	Pack sizes
c JLC310R	Galvanised steel, braided link spur	300	Red	+VE	195	1, 25, 100
d JLC500B	Cast brass, angled jaws	500	Black	-VE	200	1
d JLC500R	Cast brass, angled jaws	500	Red	+VE	200	1

12V PLUG & SOCKET ADAPTORS

TP303 and TP405

AMC **OCEANFLEX**



Adaptors between the 13 pin and 7 pin standards, for towing a trailer whose plug does not match the vehicle socket. Material: plastic. Type: 12N. Individually packed.

Part No	Description	Material	Type	Pack
a TP303	12V 13 pin vehicle to 7 pin trailer adaptor	Plastic	12N	Individually packed
b TP405	12V 7 pin vehicle to 13 pin trailer adaptor	Plastic	12N	Individually packed

12V PLUGS AND SOCKETS

7 pin (12N and 12S), 13 pin and pre-wired

AMC **OCEANFLEX**



The 12 volt range. **12N** is the normal circuit (lighting) and **12S** the supplementary circuit (interior, fridge, reversing). TP404 is the 13 pin socket with fog cut out. **TP106** is a pre wired 12V socket (7 pin-12N) and mounting plate with 2 metres of cable.

Part No	Description	Material	Type	Notes
a TP700	12V plug (7 pin)	Plastic	12N	—
a TP720	12V socket (7 pin)	Plastic	12N	—
b TP710	12V plug (7 pin)	Plastic	12S	—
b TP730	12V socket (7 pin)	Plastic	12S	—
c TP740	12V plug (7 pin)	Metal	12N	—
c TP750	12V socket (7 pin)	Metal	12N	—
d TP400	12V plug (13 pin)	Plastic	—	—
d TP403	12V socket (13 pin)	Plastic	—	Includes gasket
d TP404	12V socket with fog cut out (13 pin)	Plastic	—	Includes gasket
e TP106	Pre wired 12V socket (7 pin-12N) and mounting plate	Plastic	12N	2 metres of cable

All individually packed.

Trailer plugs, sockets & lighting (continued)

12V 7 AND 13 PIN · 24V TO ISO 1185 AND ISO 3731 · ADAPTORS, GASKETS, MOUNTING PLATES AND REAR LAMP

24V PLUGS AND SOCKETS

TP800, TP801 and TP802 – metal, to ISO standards

AMC **OCEANFLEX**



TP801 · TP800 · TP802

The 24 volt commercial range in metal. **24N to ISO 1185** is the normal lighting circuit; **24S to ISO 3731** is the supplementary circuit. Individually packed.

Part No	Description	Material	Type	Pack
TP801	24V trailer plug (7 pin)	Metal	24N to ISO 1185	Individually packed
TP800	24V trailer socket (7 pin)	Metal	24N to ISO 1185	Individually packed
TP802	24V trailer socket (7 pin)	Metal	24S to ISO 3731	Individually packed

TOWING ACCESSORIES

TP100, TP102 and TP131

AMC **OCEANFLEX**



TP100 · TP102 · TP131

The gasket, mounting plate and rear lamp that complete a towing installation.

Part No	Description	Material	Pack size
TP102	Rubber gasket for sealing rear of 7 pin or 13 pin socket	Rubber	20
TP100	Single socket mounting plate	Coated metal	Individually packed
TP131	Square 4 function rear lamp complete with 12V bulbs	—	Individually packed

TOWING STANDARDS

12N, 12S, 24N and 24S at a glance

AMC **OCEANFLEX**



12N: TP720 · TP700



12S: TP730 · TP710

Four connector standards appear in this range. The **N** (normal) circuit carries the road lighting; the **S** (supplementary) circuit carries the interior, fridge and reversing feeds. The 13 pin standard combines both circuits in one connector, which is why an adaptor is needed wherever a 13 pin vehicle meets a 7 pin trailer.



13 PIN: TP400 – TP404



24N / 24S: TP800 – TP802

Standard	Circuit	Pins	Voltage	Parts in this range
a 12N	Normal — road lighting	7	12V	TP700, TP720, TP740, TP750, TP106, TP303, TP405
b 12S	Supplementary — interior, fridge, reversing	7	12V	TP710, TP730

Custom Marine keeps the AMC accessory range in Dubai alongside the cable it terminates: terminals, seals, fuses, holders, sleeving and the tooling to fit them, so a loom or a distribution panel can be specified and supplied as one order — 800BOATS · 800YACHTS.

Trailer plugs and sockets & Electrical coils

2, 3, 5, 7 AND 15 CORE COILED CABLES · POLYURETHANE SHEATH · WORKING LENGTH 3 METRES

TOWING STANDARDS

12N, 12S, 24N and 24S at a glance (continued — figures a–d on the previous page)

AMC **OCEANFLEX**

Standard	Circuit	Pins	Voltage	Parts in this range
c 13 pin	Combined normal and supplementary	13	12V	TP400, TP403, TP404
d 24N to ISO 1185	Normal — road lighting	7	24V	TP800, TP801
d 24S to ISO 3731	Supplementary	7	24V	TP802

Seal the rear of any 7 or 13 pin socket with the TP102 rubber gasket, and mount it on the TP100 coated metal plate.

POWER AND CORE COILS

ECT201, EC301, EC304 and EC501

AMC **OCEANFLEX**



Coiled cables with thin wall cores and a black polyurethane sheath, working length 3 metres, individually packed. **ECT201** is the 2 core twisted electrical power coil (2 x 35 mm²) with TPR cores and black and red polyurethane sheaths. **EC304** is the 3 core power coil complete with 2 rubber moulded 3 pin plugs.

Part No	Cores	Conductor sizes	Cores and sheath	Plugs fitted	Working length
a ECT201	2 core twisted power coil	2 × 35mm ²	TPR cores, black and red polyurethane sheaths	—	3 metres
b EC301	3 core coil	3 × 0.75mm ²	Thin wall cores, black polyurethane sheath	—	3 metres
c EC304	3 core power coil	3 × 6mm ²	Thin wall cores, black polyurethane sheath	2 rubber moulded 3 pin plugs	3 metres
d EC501	5 core coil	5 × 0.75mm ²	Thin wall cores, black polyurethane sheath	—	3 metres

7 CORE COILS

EC701, EC706, EC707 and EC708

AMC **OCEANFLEX**



7 core coils with thin wall cores and a black polyurethane sheath, working length 3 metres, individually packed. EC706 and EC707 carry the moulded plugs for the 24N and 24S circuits respectively; **EC708** is the EBS coil with plugs to ISO7638-1.

Part No	Conductor sizes	Plugs fitted	Standard	Working length
EC701	6 × 1mm ² , 1 × 2mm ²	—	—	3 metres
EC706	6 × 1mm ² , 1 × 2mm ²	2 rubber moulded plugs	24N to ISO 1185	3 metres
EC707	6 × 1mm ² , 1 × 2mm ²	2 rubber moulded plugs	24S to ISO 3731	3 metres
EC708	2 × 2.5 mm ² , 5 × 1.5mm ²	2 EBS plugs	ISO7638-1	3 metres

Every reference on this page is stocked or sourced through the Custom Marine order desk in the manufacturer’s own pack sizes; cut lengths, part-marked assemblies and pre-built looms are quoted on application — custommarine.ae · +971 50 500 6969.

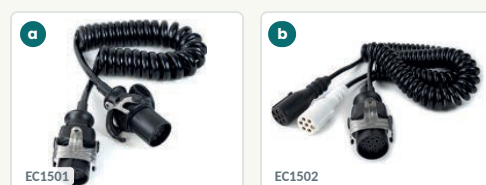
Electrical coils & Assortment boxes and tools

STORAGE BOXES WITH REMOVABLE DIVIDERS · CRIMPING TOOLS FOR PRE INSULATED AND HEAT SHRINK TERMINALS

15 CORE AND ADAPTOR COILS

EC1501 and EC1502

AMC **OCEANFLEX**



EC1501 is the 15 core electrical coil (12 x 1mm², 3 x 2mm²) with thin wall cores and black polyurethane sheath, complete with 2 x 15 pin plugs to **ISO12098**. Working length 3 metres, individually packed.

EC1502 is the 2 x 7 core adaptor coil (each 1 x 2 mm², 6 x 1mm²), complete with 1 x 15 pole plug to ISO12098 on one end, and 1 x 24S white moulded plug to ISO3731 and 1 x 24N black moulded plug to ISO1185 on the other end. Working length 3 metres, individually packed.

Part No	Configuration	Plugs fitted	Standards
a EC1501	15 core, 12 x 1mm ² and 3 x 2mm ²	2 x 15 pin plugs	ISO12098
b EC1502	2 x 7 core adaptor, each 1 x 2 mm ² and 6 x 1mm ²	1 x 15 pole plug one end; 1 x 24S white and 1 x 24N black moulded plugs the other	ISO12098 / ISO3731 / ISO1185

ASSORTMENT BOXES

KB01 and KB02

AMC **OCEANFLEX**



Empty storage boxes complete with removable dividers — the practical way to carry a working set of terminals, fuses and heat shrink to the boat.

Part No	Description	Dimensions	Pack
a KB01	Empty storage box complete with 12 removable dividers	50mm (H) x 275mm (W) x 180mm (D)	Individually packed
b KB02	Empty storage box complete with 8 removable dividers	45mm (H) X 215mm (W) X 140mm (D)	Pack of 10

CRIMPING TOOLS FOR PRE INSULATED / HEAT SHRINK TERMINALS

TT301, TT304, TT308, TT84 and TT320

AMC **OCEANFLEX**



Tools for the T and HT terminal ranges. The ratchet versions ensure that the correct crimping pressure is applied before release — the difference between a crimp that will pass a survey and one that will not. All individually packed.

Part No	Description	Also features
a TT301	Economy crimping tool suitable for the full range of pre insulated terminals and heat shrink pre insulated terminals	Cable cutter and wire stripper
b TT304	Crimping tool suitable for all pre insulated terminals, heat shrink pre insulated terminals and many non insulated terminals	Cushion handles, cable cutter and wire stripper
c TT308	Heavy duty double jaw ratchet crimping tool suitable for the full range of pre insulated and heat shrink pre insulated terminals	Ratchet ensures correct crimping pressure before release
d TT84	Precision ratchet crimping tool for the full range of heat shrink and pre insulated terminals; recommended for the smaller diameter high temperature thin wall cables	2 way precision dies crimp conductor and insulation in one operation
e TT320	Ratchet crimping tool suitable for a variety of pre insulated heat shrink terminals, 0.5–6.0mm ²	Ratchet ensures correct crimping pressure before release

Crimping tools, cutters & strippers

CRIMPING TOOLS FOR NON INSULATED AND COPPER TUBE TERMINALS · STRIPPERS · CUTTERS TO 120 MM² · MICRO TORCH

CRIMPING AND STRIPPING TOOLS FOR NON INSULATED TERMINALS

TT70, TT71, TT72, TT73, TT77 and the strippers

AMC **OCEANFLEX**



Tools for the non insulated terminal ranges and the Superseal / Econoseal terminals, plus the cable strippers. All individually packed.

Part No	Description
a TT70	Economy crimping tool suitable for a variety of non insulated terminals. Also features a cable cutter and wire stripper
b TT71	Compact, robust crimping tool suitable for a variety of non insulated terminals. Also features a cable cutter and spring return
c TT72	Crimping tool suitable for a variety of non insulated open end terminals, 0.5–2.5mm ²
d TT73	Ratchet crimping tool suitable for a variety of non insulated terminals. The ratchet ensures that the correct crimping pressure is applied before release
e TT77	Superseal/Econoseal ratchet crimping tool with ergonomically designed handles. Crimp range 0.5–1.5mm ² ; the ratchet pressure can be adjusted
f TT45	Cable stripper / cutter for cables 0.5–6.0mm ² . Also suitable for crimping pre insulated and non insulated terminals
f TT46	Cable stripper for cables 1.0–3.2mm ²
f TT47	Self adjusting cable stripper for cables 0.5–6.0mm ² . Also features an adjustable stop for consistent strip lengths, and a cable cutter

CABLE CUTTERS

TT50, TT51, TT55 and TT58

AMC **OCEANFLEX**



Cutters sized by the copper cable they will take. Tool length is given so the tool can be matched to the space available — a 420mm cutter needs room to swing. All individually packed.

Part No	Description	Capacity	Tool length
a TT50	Heavy duty cable cutters suitable for copper cables	Up to 70mm ²	235mm
b TT55	Compact cable cutters with spring return and cushion handles	Up to 25mm ²	167mm
c TT51	Heavy duty cable cutter suitable for copper cables	Up to 120mm ²	420mm
d TT58	Cable cutter and crimping tool for a variety of non-insulated and insulated terminals	1.5–6.0mm ²	248mm
e TT20	Cable tie tensioning tool, automatically cuts the excess off the cable tie once the correct tension is achieved	Ties 2.2–4.8mm wide, up to 1.6mm thick	—

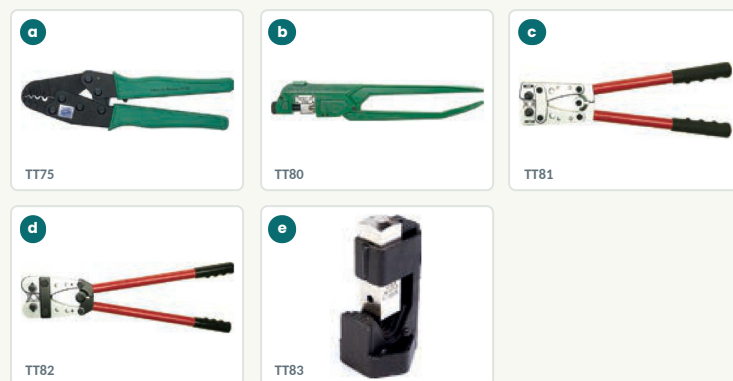
Crimping tools, cutters & strippers (continued)

CRIMPING TOOLS FOR NON INSULATED AND COPPER TUBE TERMINALS · STRIPPERS · CUTTERS TO 120 MM² · MICRO TORCH

COPPER TUBE TERMINAL CRIMPING TOOLS

TT75, TT80, TT81, TT82 and TT83

AMC **OCEANFLEX**



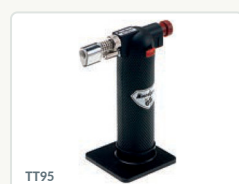
The tools for the CTT copper tube terminal range. TT81 and TT82 achieve a **hexagonal crimp** by rotating the dies in the tool head for the different terminal sizes; TT83 is the hammer or vice tool for the largest terminals. All individually packed.

Part No	Description	Terminal range	Tool length
a TT75	Ratchet crimping tool. The ratchet ensures that the correct crimping pressure is applied before release	1.5–10mm ²	260mm
b TT80	Heavy duty crimping tool for copper tube terminals	10–120mm ²	580mm
c TT81	Heavy duty crimping tool. Hexagonal crimp achieved by rotating the dies in the tool head	6–50mm ²	390mm
d TT82	Heavy duty crimping tool. Hexagonal crimp achieved by rotating the dies in the tool head	10 to 120mm ²	637mm
e TT83	Heavy duty crimping tool. The terminal is placed under the spring loaded punch and pressure applied by striking the top with a hammer or squeezing in a vice	Up to 120mm ²	—

MICRO TORCH

TT95 – gas operated, for brazing and soldering

AMC **OCEANFLEX**



Gas operated micro torch suitable for brazing and soldering. Features include instant electronic ignition · adjustable flame and a refillable tank that uses standard butane lighter fuel · burning time approximately 60 minutes per refill · individually packed.

Part No	Description	Fuel	Burning time
TT95	Gas operated micro torch suitable for brazing and soldering, instant electronic ignition, adjustable flame	Standard butane lighter fuel, refillable tank	Approx. 60 minutes per refill

TOOL INDEX

The whole AMC tool range by job

AMC **OCEANFLEX**



Every tool in this chapter, listed by the job it does. Where two tools cover the same range, the ratchet version is the one to buy for production work — it will not release until the correct crimping pressure has been applied.

Job	Tools	Notes
a Crimping pre insulated and heat shrink terminals	TT301, TT304, TT308, TT84, TT320	TT308, TT84 and TT320 are ratchet tools
b Crimping non insulated terminals	TT70, TT71, TT72, TT73	TT73 is the ratchet tool

Tools & Part number index

CRIMPING TOOLS FOR NON INSULATED AND COPPER TUBE TERMINALS · STRIPPERS · CUTTERS TO 120 MM² · MICRO TORCH

TOOL INDEX

The whole AMC tool range by job (continued — figures a–d on the previous page)

AMC **OCEANFLEX**

Job	Tools	Notes
b Crimping Superseal and Econoseal terminals	TT77	Ratchet, adjustable pressure, 0.5–1.5mm ²
c Crimping copper tube terminals	TT75, TT80, TT81, TT82, TT83	1.5mm ² to 120mm ² across the five tools
Stripping cable	TT45, TT46, TT47	TT47 is self adjusting with a length stop
d Cutting cable	TT50, TT51, TT55, TT58	Up to 120mm ² on TT51
Tensioning and cutting cable ties	TT20	Ties 2.2–4.8mm wide
Brazing and soldering	TT95, RS7, RS12	Micro torch with 40/60 flux cored solder wire
Testing and extracting fuses	FBT, FBE	FBE stows in the FH330 module cover
Storing the working set	KB01, KB02	12 and 8 removable dividers

CABLE PREFIXES

The cable ranges by part number

AMC **OCEANFLEX**

Image a shows a purple cable with a single conductor exposed at the end. The label 'TW' is visible below the image.

Image b shows a black cable with a single conductor exposed at the end. The label 'CM' is visible below the image.

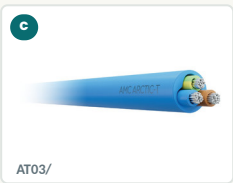


Image c shows a blue cable with three conductors exposed at the end. The label 'AT03/' is visible below the image.

Image d shows a yellow cable with a single conductor exposed at the end. The label 'CLR' is visible below the image.

Image e shows a purple cable with three conductors exposed at the end. The label '3TR' is visible below the image.

AMC part numbers are systematic. On the cable side the prefix names the family and the number that follows is the conductor cross section in mm²; on multi-cores the number before the slash is the core count. This index lists every prefix used in the chapter so an unfamiliar number on a drawing can be placed straight away.

Prefix	Range	Reads as	Sizes covered
a TW	Thin Wall single core	TW + section in mm ²	TW.35 – TW25.0
TW02/ – TW13/	Thin Wall multi-core	TW + core count / variant	2, 3, 4, 5, 7, 8, 10, 12 and 13 core
TWST	Thin Wall twisted pair	TWST + core count / variant	TWST02/02, TWST04/01
b CM	Oceanflex tinned single core and battery	CM + section in mm ²	CM1.0 – CM10.0 and CM16 – CM120
CM02/ – CM13/	Oceanflex tinned multi-core	CM + core count / variant	2, 3, 5, 7, 8, 10 and 13 core
CM..Y	Oceanflex YAC, ISO 13297 yellow	CM + section + Y	CM16Y – CM95Y
c AT03/	Arctic-T 3 core	AT + core count / variant	AT03/02 – AT03/06
d CLR	Corronex LR single core	CLR + section in mm ²	CLR1 – CLR35
e 3TR	Tri-Rated flexible PVC	3TR + section in mm ²	3TR.5 – 3TR35
OH	Low Smoke Zero Halogen	OH + section in mm ²	OH1 – OH16
PVC	PVC extra flexible battery	PVC + section in mm ²	PVC16 – PVC150
W	Batt-Weld double insulated	W + section in mm ²	W16 – W70
BS	Batt-Term and Earth-Term assembled leads	BS + series + length step	BS101 – BS107, BS201 – BS207, BS300 – BS306, BS501 – BS506

Specification support for naval architects, yards and refit contractors: drawings, data sheets and sample parts are available on request, and the fusing, busbar and termination plan is checked against the cable schedule before despatch — 800BOATS.

AMC part number index (continued)

EVERY PREFIX IN THIS CHAPTER · WHAT IT IS, WHAT IT COVERS, AND WHERE THE TABLE SITS

CABLE PREFIXES

The cable ranges by part number (continued – figures a–e on the previous page)

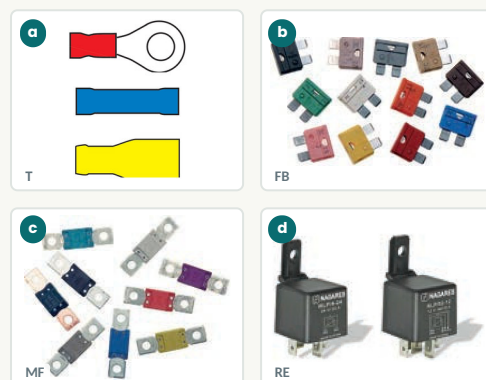
AMC **OCEANFLEX**

Prefix	Range	Reads as	Sizes covered
934 – 937	Battery Flex starter cable	Legacy four-digit number	25 – 60 mm ²
948 – 999	Classic PVC multi-core	Legacy three-digit number	3, 4, 5 and 7 core
1598 – 1652	Classic PVC single core and twin	Legacy four-digit number	0.65 – 4.5 mm ²
400, 401	Earth-Bond tinned copper braid	Legacy three-digit number	19 and 37 mm ²
550 – 554	Speaker twin (figure 8)	Legacy three-digit number	0.35 – 1.5 mm ² per core
74, 77	PVC high tension ignition	Legacy two-digit number	0.65 and 1.5 mm ²

ACCESSORY PREFIXES

Terminals, circuit protection and relays

AMC **OCEANFLEX**



On the accessory side the prefix names the product family and the number gives the size, rating or way count. Where two prefixes cover the same product in OEM and aftermarket quality, both are listed against the same row.

Prefix	Family	Number means	Range
a T	Pre insulated terminals	Style series then size	T101 – T917
HT	Heat shrink pre insulated terminals	Style series then size	HT103 – HT804
SBT	Heat shrink solder butt connectors	Cable band	SBT2 – SBT4
S	Self stripping connectors	Type	S561, S563, S906, S953, S954
FC7	Flexible cable connector strips	Current rating step	FC719 – FC721
TNI	Non insulated terminals	Form then blade size	TNIF63, TNIB63, TNIP63
MC / MN	Multiple and Mate-N-Lock connectors	M/F then way count	MCM1 – MCF11, MNM2 – MNF15
SS	Superseal connectors	Way count then M/F, H = housing only	SS1M – SS6FH
LP / FLA / FL	Low profile and mini blade fuses	Rating in amps	2 – 30A
b FBA / FB / FBL	Blade fuses, plain and LED	Rating in amps	1 – 40A
SCB	Circuit breaker blade fuses	Rating in amps	5 – 30A
FMA / FMB	Maxi blade fuses	Rating in amps	20 – 100A
c FS / MD / MF	Strip, midi and mega fuses	Rating in amps	30 – 500A
FC / FG / FGR	Continental, 30mm glass and 20mm radio fuses	Rating in amps	1 – 50A
PF / PL / PH / PD / PS / PE / PK	PAL fuses by terminal form	Rating in amps	20 – 100A
FH	Fuse holders, boxes and modules	Series then variant	FH120 – FH625
FBB / RB	Fuse boxes and relay boxes	Way count then type	FBB4U, FBB16U, FBB6M, RB4U, RB7U
HCB	Switchable circuit breakers	Rating then S or P mounting	HCB50S – HCB200S, HCB50P – HCB100P

AMC part number index (continued)

EVERY PREFIX IN THIS CHAPTER · WHAT IT IS, WHAT IT COVERS, AND WHERE THE TABLE SITS

ACCESSORY PREFIXES

Terminals, circuit protection and relays (continued – figures a–d on the previous page)

AMC **OCEANFLEX**

Prefix	Family	Number means	Range
d RE / RB	Relays and relay holders	Manufacturer type number	RE2031 – RE2810, RB5 – RB10H
BDB	Battery distribution fuse box	Single item	BDB1

ACCESSORY PREFIXES

Sleeving, fixings, power connection and tools

AMC **OCEANFLEX**



The remaining prefixes cover everything from the sleeve over the cable to the tool that crimps it. Sizes in the sleeving and fixing ranges are quoted in millimetres; in the power connection ranges the number is normally the cable section or the current rating.

Prefix	Family	Number means	Range
CTPA	Convuluted conduit, un-split and split (-S)	Nominal size in mm	CTPA08 – CTPA28
SL	PVC sleeving	Series then size step	SL700 – SL810
HS / HA / HR	Heat shrink, adhesive lined and cut lengths	Internal diameter before heating	HS02.4 – HS38.1
ESB / SB	Braided and spiral binding sleeving	Nominal flat width or bundle diameter	ESB05B – ESB40B, SB6B – SB12B
2702 / 216 / 2501 / 2515 / PV	PVC, harness, amalgamating and cloth tapes	Width and colour code	12, 19 and 25mm wide
a CT / CTM / CTC / CTE	Cable ties, mounts, cradle and eyelet	Length and width step	80 – 780mm ties
SC / MCA / CC / PC / PA	Mounting clips, cable clips and P clips	Cable or conduit diameter	3.2 – 28.6mm
CFI / CFIR	Conduit fitting interfaces, straight and 90°	Conduit size then Superseal ways	8, 10 and 12mm
b 2xx / 4xx / 6xx / 8xx / 9xx (VTE)	VTE terminal, battery and L-post insulators	Series, entry and colour suffix	12 – 40mm terminal O.D.
77xxx / 778xx (VTE)	VTE power distribution posts	Stud size and polarity	1 point and 8 point
770 / 771 / 712 / TTB (VTE)	VTE busbars and tab-type busbars	Point or tab count	4, 10, 12 point and 10, 20 tab
CCB / CCJB (VTE)	VTE copper core power bushings	Stud size, W = weatherproof	3/8" (9.5mm)
BT / BTC	Battery terminals and covers	Series then polarity	BT330 – BT475, BTC10 – BTC60
AC	Aftermarket angle covers	Size step then colour	AC1B – AC11R
c CTB / ET / CTT	Butt splices, open end and copper tube terminals	Cable section / stud hole in mm	6 – 120 mm ²
BB / BBC / PJ	Busbars, covers and power jointing boxes	Rating and stud or screw count	100 – 300A
PP / PPP / PPH / CB	Anderson connectors, covers, handle, junction boxes	Frame size in amps	PP50, PP175, PP350
BM / CL / JL / JLC	Master switches, charging leads, jump leads, clips	Rating or cable section	100 – 500A
TP / EC / ECT	Towing plugs and sockets, electrical coils	Pin count or core count	7, 13 and 15 pin, 2 to 15 core
d KB / TT / RS	Assortment boxes, tools and solder	Tool type number	TT20 – TT95

Colour letters used across the chapter: (R) red, (B) black, (G) green, (LG) light green, (U) blue, (Y) yellow, (N) brown, (P) purple, (K) pink, (S) slate grey, (W) white, (O) orange, (GY) green/yellow, (N) natural on connector housings.