



AMC **OCEANFLEX**

OceanFlex by AMC is a British-made tinned cable engineered for corrosion resistance in marine and harsh-environment applications.



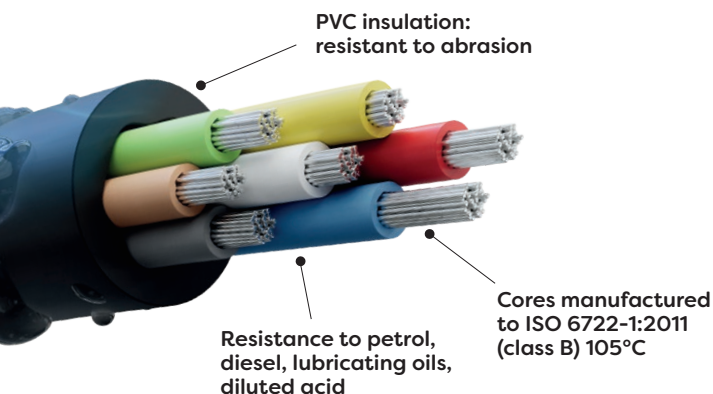
British-made, corrosion resistant tinned cable for marine applications and other harsh environments.

Our UK-manufactured OceanFlex® cables are designed, built and tested with durability in mind to withstand the rigours of marine and industrial environments. With superior resistance against moisture and corrosion, our high-quality cables offer real flexibility too – with the option of bespoke design and specification in length, colour, and branding.

AMC OCEANFLEX

OceanFlex Tinned Copper cables are high-quality, thin-wall wiring solutions specifically engineered to withstand the corrosive demands of marine and industrial environments.

Featuring tinned copper conductors and specialised PVC insulation, these cables offer superior resistance to moisture, petrol, oils, and acids while remaining operational between -30°C and 70°C. Their extra-flexible design allows for easy routing in tough working conditions, with options for bespoke lengths and branding to meet specific technical needs. A durable and customisable power link for any harsh, low-voltage application.



OceanFlex® Tinned Copper cables

High temperature, thin wall, low voltage, wiring cables suitable for use in automotive, marine and other harsh environments. The tinned copper conductors make this cable more resistant to corrosion.



AMC OCEANFLEX-BATT

Oceanflex Battery cable is a high-performance, marine-grade cable featuring tinned copper conductors specifically designed to withstand harsh, corrosive environments.

It is characterized by high flexibility, a wide temperature range, and excellent resistance to chemicals and moisture ideal for both low-voltage (12v/24v) DC electrical system. Used mainly across marine applications where salt water and moisture cause rapid corrosion of copper, suitable for linking battery banks and high-current battery connections within boat engine rooms it can also be used for starter motors, bow thrusters, winches, and windlasses



AMC OCEANFLEX-YAC

OceanFlex YAC is a 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.

ISO 13297 requires that DC negative terminal conductors be yellow when an AC system is installed aboard, in order to prevent confusion with the black neutral conductor used in AC circuits. Where no AC system is present, the standard permits black for DC negative. This colour distinction is a deliberate safety measure: 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.



Single Core Cables

Cores/Part No	Conductor Specification (mm)	Conductor Cross Section (mm ²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Loading (Watts)		Maximum Resistance Per Metre at 20°C (Ohms)	Colour	Reel Sizes (Metres)
					12 Volts	24 Volts			
CM1	32/0.20	1.0	2.1	16.5	198	396	0.0191	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	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

MultiCore Cables

Cores/Part No	Conductor Specification (mm)	Conductor Cross Section (mm ²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Sheath Colours	Core Colours	Reel Sizes (Metres)
CM02/01	2 x 32/0.20	2 x 1	2.9 x 4.9	16.5	Black	Black, Red	30, 100
CM02/05	2 x 21/0.30	2 x 1.5	3.5 x 5.8	21.0	Black, White		30, 100
CM02/07	2 x 35/0.30	2 x 2.5	3.9 x 6.7	29.0	Black		30, 100
CM02/03	2 x 32/0.20	2 x 1	4.9	16.5	Black	Black, Red	30, 100
CM02/25	2 x 21/0.30	2 x 1.5	6.4	21.0	Black		30, 100
CM02/26	2 x 35/0.30	2 x 2.5	6.7	29.0	Black		30, 100
CM02/11	2 x 84/0.30	2 x 6	9.2	50	Black		30, 100
CM03/01	3 x 32/0.20	3 x 1	5.4w	16.5	Black	Black, Green, Red	30, 100
CM03/04	3 x 21/0.30	3 x 1.5	6.1	21.0	Black, White		30, 100
CM03/05	3 x 35/0.30	3 x 2.5	7.4	29.0	Black		30, 100
CM03/06Y	3 x 56/0.30	3 x 4	12.2	39.0	Yellow		30, 100
CM03/07Y	3 x 84/0.30	3 x 6	9.65	50.0	Yellow	Brown, Green, Red, White, Yellow	30, 100
CM05/04	5 x 21/0.30	5 x 1.5	8	21.0	Black		30, 100
CM05/05	5 x 35/0.30	5 x 2.5	9.4	29.0	Black	Black, Red, Green, Yellow, Brown, White, Blue	30, 100
CM07/05	7 x 21/0.30	7 x 1.5	8.5	21.0	Black		30, 100
CM07/06	7 x 35/0.30	7 x 2.5	10.7	29.0	Black	Black, Red, Blue, Yellow, Purple, Brown, White, Green	50, 100
CM08/01	7 x 32/0.20 1 x 28/0.30	7 x 1.0 1 x 2.0 (White)	8.80	16.5 25.0	Black		50, 100
CM10/01	9 x 32/0.20 1 x 28/0.30	9 x 1.0 1 x 2.0 (White)	10.9	16.5 25.0	Black		50, 100
CM13/01	12 x 21/0.30 1 x 35/0.30	12 x 1.5 1 x 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

AMC OCEANFLEX-BATT

Part No.	Conductor Specification (mm)	Conductor Cross Section (mm ²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum 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		10, 50
CM35	455/0.30	35	11.8	240	0.000565		10, 50
CM50	637/0.30	50	13.3	345	0.000393		10, 50
CM70	912/0.30	70	15.5	485	0.000277		10, 30, 50
CM95	684/0.40	95	17.9	500	0.000210		10, 30, 50
CM120	888/0.40	120	19.6	600	0.00011		30, 100

AMC OCEANFLEX-YAC

Part No.	Conductor Specification (mm)	Conductor Cross Section (mm ²)	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
CM70Y	912/0.3	70	14.80	0.272			10, 30, 50
CM95Y	684/0.3	95	16.50	0.206			10, 30, 50