




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.**

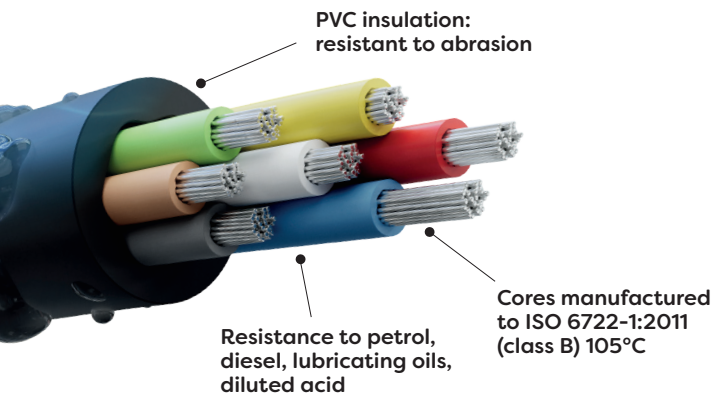
Our UK-manufactured OceanFlex® cables are designed, built and tested with durability in mind to withstand the rigours of marine and industrial environments. With superior resistance against moisture and corrosion, our high-quality cables offer real flexibility too – with the option of bespoke design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

AMCOCEANFLEX

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-YDC

AMC Oceanflex YDC is a tinned copper, marine-grade battery cable specifically engineered to meet ISO 13297 safety standards for vessels equipped with both AC and DC systems.

Its distinctive yellow insulation is a critical safety feature used to identify DC negative circuits, preventing dangerous confusion with AC live or neutral wires during maintenance. By utilising corrosion-resistant tinned copper, this cable ensures long-term durability in harsh marine environments while significantly reducing the risk of accidental electric shock. A reliable and compliant solution for modern boat wiring.



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, (J) 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	30, 100		
CM05/04	5 x 21/0.30	5 x 1.5	8	21.0	Black	Brown, Green, Red, White, Yellow		30, 100
CM05/05	5 x 35/0.30	5 x 2.5	9.4	29.0	Black			30, 100
CM07/05	7 x 21/0.30	7 x 1.5	8.5	21.0	Black	Black, Red, Green, Yellow, Brown, White, Blue	30, 100	
CM07/06	7 x 35/0.30	7 x 2.5	10.7	29.0	Black		30, 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	Black, Red, Blue, Yellow, Purple, Brown, White, Green	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	Black, Red, Green, Grey, Blue, Yellow, Brown, Orange, Purple, White	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-YDC

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)
CM16Y	203/0.30	16	8.3	110	0.001240	Yellow	10, 50
CM25Y	322/0.30	25	10.1	170	0.000794		10, 50
CM35Y	455/0.30	35	11.8	240	0.000565		10, 50
CM50Y	637/0.30	50	13.3	345	0.000393		10, 50
CM70Y	912/0.30	70	15.5	485	0.000277		10, 30, 50
CM95Y	684/0.40	95	17.9	500	0.000210		10, 30, 50