



AMC OCEANFLEX

Application

Low voltage copper cable with a tinned galvanised coating to increase corrosion resistance, suitable for harsher environments such as marine applications. High temperature, flame retardant and chemical resistant sheathing. Reduced insulation wall thickness gives considerable saving in weight and on volume especially in large harness construction. Good resistance to petrol, diesel, lubricating oils & diluted acids, as well as surface abrasion and cut through.

Environmental statement

AMC take every action possible to ensure we are a sustainable, and environmentally aware manufacturer. End of life care; ensure that all cable product is disposed of inline with relevant WEEE Regulations.

Specification

Voltage	12v/24v – 60v Max DC
Cores	Class 5 Conductor (Tinned)
Sheath	PVC
Operating Temperature	-40° to 105°C
Min Bend Radius	<6x OD

Standards (Compliance / Certification)

BS EN 60228:2005

ISO6722-1:2011 Class B

ISO19642-3

IEC60332.1.2

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			
CM1.0	32/0.20	1.0	2.1	16.5	198	396	0.0191	Single core cables are available in the following colours:	Made to Order
CM1.5	21/0.30	1.5	2.4	21.0	252	504	0.0130	(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.	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	Any combination of two of the above colours can be made available upon request	30, 100, 500
CM10.0	80/0.40	10.0	6.0	70.0	840	1680	0.00185		30, 100

Typical Applications



MARINE WIRING



CARAVANS AND MOTORHOMES



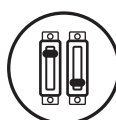
NAVIGATION AND COMMUNICATION EQUIPMENT



ENGINE ROOMS AND ENCLOSED AREAS



LIGHTING & SENSORS



SWITCHGEAR & SWITCHBOARDS



STARTER SYSTEMS



BILGE PUMPS



STEERING (MARINE)

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.