



Tinned Copper Single Core Cables

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 control and chemical resistant sheathing (per ISO 6722-1:2011).

Manufactured standards

Cores manufactured to ISO 6722-1:2011 class B

Conductor

Tinned copper in accordance with BS EN 60228:2005

Sheath

PVC

Voltage rating

60v max DC

Operating temperature

-40° to 105°C, with excursions to 120°C

Flame propagation

Cores passed to ISO 6722-1:2011

Flame retardancy

Cores type tested, passed to IEC 60332-1-2

Minimum bend radius

<6x OD

Chemical resistance

Resistant to engine coolant, engine oil, salt water, windscreen washer fluid

BS softness

*60-65

Shore A hardness

*64-66

Test report no.

59834/59836/60587

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.

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:	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

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.

* Indicates the manufacturing standard applicable to the cores only.