

TINNED COPPER SINGLE CORE CABLE



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; ISO 6722-1:2011 class B

Conductor; Tinned copper in accordance with BS EN 60228:2005

Sheath; PVC

Voltage rating; 60v max

Operating temperature; -40° to 105°C, with excursions to 120°C

Flame propagation; Passed to ISO 6722-1:2011

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



UK MANUFACTURER



ISO 9001



Maximum loading (Watts)

AMC 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)	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

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 values of the sheathing compounds not the finished cable.