

OCEANFLEX?? TINNED COPPER SINGLE CORE 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.



SPECIFICATIONS

- Cores manufactured to ISO 6722-1:2011 (class B) 105°C
- Tinned Copper Conductors, PVC Insulated
- Suitable for use at temperatures from -40°C to 105°C with excursions up to 120°C
- Twins and multicore PVC sheathed at 70°C
- Suitable for 12v and 24v systems (maximum 60v)
- Good resistance to petrol, diesel, lubricating oils and diluted acid
- Very good resistance to moisture
- PVC insulation saves weight and offers good resistance to abrasion and cut through
- Cables are printed with the specification on the insulation



Part No	*Conductor Specification (mm)	Conductor Cross Section (mm ²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)**	Maximum Loading (Watts)		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, 300
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 resistance values shown.

**Nominal current amperage ratings are provided as a guide only and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.