



## OCEANFLEX<sup>®</sup> 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.

### 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
- Visit our website or contact the Sales Team for a full list of available colours



\*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.



**DON'T FORGET, WE MANUFACTURE OUR CABLES IN THE UK**

As well as our listed range, we also **make to order!**

**BULK DRUMS**  
AVAILABLE ACROSS  
ALL CABLE RANGES



## OCEANFLEX® SINGLE CORE CABLES

### TINNED COPPER SINGLE CORE CABLES



| Part No | Conductor Specification (mm)* | Conductor Cross Section (mm²) | 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             |

See page 17 for specifications.

## OCEANFLEX® MULTICORE CABLES

Please refer to single core for resistance values.

### TINNED COPPER 2 CORE CABLES (FLAT TWINS)



| Part No. | Conductor Specification (mm)* | Conductor Cross Section (mm²) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps)** | Sheath Colours | Core Colours | Reel Sizes (Metres) |
|----------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|----------------|--------------|---------------------|
| CM02/05  | 2 x 21/0.30                   | 2 x 1.5                       | 3.5 x 5.8                     | 21.0                            | Black, White   | Black, Red   | 30, 100             |
| CM02/07  | 2 x 35/0.30                   | 2 x 2.5                       | 3.9 x 6.7                     | 29.0                            | Black          | Black, Red   | 30, 100             |

See page 17 for specifications.

### TINNED COPPER 2 CORE CABLES (ROUND TWINS)



| Part No. | Conductor Specification (mm)* | Conductor Cross Section (mm²) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps)** | Sheath Colour | Core Colours | Reel Sizes (Metres) |
|----------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|---------------|--------------|---------------------|
| CM02/25  | 2 x 21/0.30                   | 2 x 1.5                       | 6.4                           | 21.0                            | Black         | Black, Red   | 30, 100             |
| CM02/26  | 2 x 35/0.30                   | 2 x 2.5                       | 6.7                           | 29.0                            | Black         | Black, Red   | 30, 100             |

See page 17 for specifications.

The cores and sheaths can be produced in any colour (MOQs may apply).



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