

Bare Copper Single Core Cable

Stranded Bare Copper 0.6/1kV

Cable Application

Stranded Class 2 bare copper wire to BS EN 60228 cables are non insulated and non sheathed soft drawn copper to BS6360/81.

Technical Information

| | |
|---|--|
| Conductor Material: | Copper, BS EN 60228:2005 |
| Conductor Shape: | Stranded Circular |
| Halogen Free: | Yes |
| Lead Free: | Yes |
| Rated Voltage U₀/U (Um): | 600/1000V |
| Minimum Installation Temperature: | Minimum: 0°C • Maximum: 60°C |
| Minimum Operating Temperature: | Minimum: -15°C • Maximum: 70°C |
| Short-circuit Maximum Conductor Temperature: | 250°C |
| Installation Type: | Earthing/circuit grounding |
| Flame Retardant: | IEC60332-1 |
| Bending Radius: | 1.5mm ² up to 25mm ² = 3 x Ø 35mm ² up to 400mm ² = 6 x Ø |

| Part number | Cross section mm ² | Stranding mm | Approx weight kg/km | Approx overall diameter |
|--|-------------------------------|--------------|---------------------|-------------------------|
| Soft Drawn Bare Copper to BS6360/81 | | | | |
| BC6.0 | 1 x 6.0 | 7/1.04 | 58 | 3.0 |
| BC10 | 1 x 10 | 7/1.35 | 96 | 4.2 |
| BC16 | 1 x 16 | 7/1.70 | 154 | 5.1 |
| BC25 | 1 x 25 | 7/2.14 | 240 | 5.9 |
| BC35 | 1 x 35 | 7/2.52 | 336 | 7.8 |
| BC50 | 1 x 50 | 19/1.78 | 480 | 8.8 |
| BC70 | 1 x 70 | 19/2.14 | 672 | 9.8 |
| BC95 | 1 x 95 | 19/2.52 | 912 | 12.5 |
| BC120 | 1 x 120 | 37/2.03 | 1152 | 12.8 |
| BC150 | 1 x 150 | 37/2.25 | 1440 | 14.4 |
| BC185 | 1 x 185 | 37/2.52 | 1776 | 16.1 |
| BC240 | 1 x 240 | 61/2.25 | 2304 | 19.8 |
| BC300 | 1 x 300 | 61/2.52 | 2800 | 20.6 |
| BC400 | 1 x 400 | 61/2.85 | 3750 | 26.4 |

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