

BARE COPPER CABLE



APPLICATION

Non Insulated, Non Sheathed, Flexible stranded bare copper cable for use in earthing electrical systems and Power distribution networks.

CABLE STANDARDS

Soft Drawn Copper (6mm² to 400mm²)

BS EN 13602

BS EN 60228

BS6360/81

Hard drawn copper

BS7884

CONSTRUCTION

Conductor: Stranded plain annealed compacted circular copper conductor, non insulated and non sheathed.

CHARACTERISTICS

Voltage Rating: 450 Volts

Temperature Limits: -15°C to +70°C

Minimum Bending Radius: As per cable manufacturer datasheet

BARE COPPER CABLE - DIMENSIONS

| CCC CODE | CONDUCTOR SIZE (MM ²) | STRANDING (MM ²) | NUMBER OF STRANDS | WEIGHT (KG/KM) | OVERALL DIAMETER (MM) |
|--------------------------------------|-----------------------------------|------------------------------|-------------------|----------------|-----------------------|
| BARE SOFT DRAWN COPPER STRAND | | | | | |
| CB006 | 6 | 1.04 | 7 | 58 | 3.00 |
| CB010 | 10 | 1.35 | 7 | 96 | 4.20 |
| CB016 | 16 | 1.70 | 7 | 154 | 5.10 |
| CB025 | 25 | 2.14 | 7 | 240 | 5.90 |
| CB035 | 35 | 2.52 | 7 | 336 | 7.80 |
| CB050 | 50 | 1.78 | 19 | 480 | 8.80 |
| CB070 | 70 | 2.14 | 19 | 672 | 9.80 |
| CB095 | 95 | 2.52 | 19 | 912 | 12.50 |
| CB120 | 120 | 2.03 | 37 | 1152 | 12.80 |
| CB150 | 150 | 2.25 | 37 | 1440 | 14.40 |
| CB185 | 185 | 2.52 | 37 | 1776 | 16.10 |
| CB240 | 240 | 2.25 | 61 | 2304 | 19.80 |
| CB300 | 300 | 2.52 | 61 | 2800 | 20.60 |
| CB400 | 400 | 2.85 | 61 | 3750 | 26.40 |
| BARE HARD DRAWN COPPER STRAND | | | | | |
| HDC050/7 | 50 | 3.0 | 7 | 445 | 9.20 |
| HDC050/19 | 50 | 1.80 | 19 | 405 | 9.20 |
| HDC070/7 | 70 | 3.55 | 7 | 621 | 10.65 |
| HDC070/19 | 70 | 2.1 | 19 | 640 | 10.65 |

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