



S.M.C

Four Core Cables with reduced Neutral Cu/XLPE/PVC 600/1000 V - FOUR CORE WITH REDUCED NEUTRAL

Copper Conductor XLPE Insulated

PVC Sheathed Cables (Cu/XLPE/PVC)



| Nominal Area of Conductor | | Maximum Conductor Resistance at 20°C | | Thickness of Insulation | | Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Cable Weight | Standard Packing Length | Drum Size | Approx. Gross Weight |
|---------------------------|---------|--------------------------------------|---------|-------------------------|---------|---------------------------|--------------------------|----------------------|-------------------------|-----------|----------------------|
| Phase | Neutral | Phase | Neutral | Phase | Neutral | | | | | | |
| Sqmm | | Ohm/Km | | mm | | mm | mm | Kg/Km | Meter ± 5% | | Kg |
| 25 | 16 | 0.727 | 1.15 | 0.9 | 0.7 | 1.8 | 22.0 | 1090 | 500 | D-10 | 605 |
| 35 | 16 | 0.524 | 1.15 | 0.9 | 0.7 | 1.8 | 25.4 | 1410 | 500 | D-12 | 815 |
| 50 | 25 | 0.387 | 0.727 | 1.0 | 0.9 | 1.8 | 28.3 | 1890 | 500 | D-12 | 1060 |
| 70 | 35 | 0.268 | 0.524 | 1.1 | 0.9 | 1.9 | 31.8 | 2610 | 500 | D-14 | 1460 |
| 95 | 50 | 0.193 | 0.387 | 1.1 | 1.0 | 2.0 | 36.1 | 3520 | 500 | D-18 | 2000 |
| 120 | 70 | 0.153 | 0.268 | 1.2 | 1.1 | 2.2 | 39.7 | 4480 | 500 | D-18 | 2480 |
| 150 | 70 | 0.124 | 0.268 | 1.4 | 1.1 | 2.3 | 44.6 | 5440 | 500 | D-18 | 2960 |
| 185 | 95 | 0.0991 | 0.193 | 1.6 | 1.1 | 2.4 | 49.3 | 6760 | 250 | D-16 | 1900 |
| 240 | 120 | 0.0754 | 0.153 | 1.7 | 1.2 | 2.6 | 54.4 | 8631 | 50 | D-18 | 2400 |
| 300 | 150 | 0.0601 | 0.124 | 1.8 | 1.4 | 2.8 | 60.2 | 10810 | 250 | D-18 | 2940 |
| 300 | 185 | 0.0601 | 0.0991 | 1.8 | 1.6 | 2.9 | 60.4 | 11120 | 250 | D-18 | 3020 |
| 400 | 185 | 0.0470 | 0.0991 | 2.0 | 1.6 | 3.1 | 67.6 | 13840 | 200 | D-18 | 3010 |

All phase conductors 25 Sqmm and above shaped stranded (Class 2).

All neutral conductors circular stranded (Class 2).

Cables conform generally to BS 5467.