



S.M.C

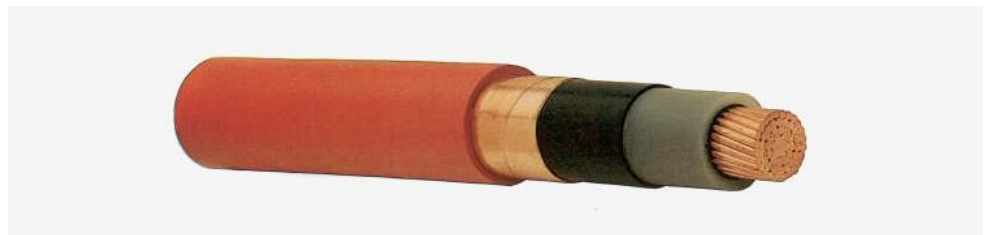
8.7/15 KV - SINGLE CORE

(HIGHEST SYSTEM VOLTAGE - 17.5 KV)

COPPER CONDUCTOR XLPE INSULATED COPPER TAPE CREENED

PVC SHEATHED CABLES

(CU/SC/XLPE/SC/CUT/PVC)



| Nominal Area of Conductor | Maximum Conductor Resistance 20°C | Thickness of XLPE Insulation | Thickness of Copper Tape | Thickness of Outer Sheath | Approx. Overall Diameter | Approx. Cable Weight | Standard Packing Length | Drum size | Approx. Gross Weight |
|---------------------------|-----------------------------------|------------------------------|--------------------------|---------------------------|--------------------------|----------------------|-------------------------|-----------|----------------------|
| Sqmm | Ohm/Km | mm | mm | mm | mm | Kg/Km | Meter ± 5% | | Kg |
| 35 | 0.524 | 4.5 | 0.075 | 1.8 | 23.7 | 835 | 500 | D-12 | 520 |
| 50 | 0.387 | 4.5 | 0.075 | 1.8 | 24.8 | 980 | 500 | D-12 | 600 |
| 70 | 0.268 | 4.5 | 0.075 | 1.8 | 26.4 | 1220 | 500 | D-12 | 720 |
| 95 | 0.193 | 4.5 | 0.075 | 1.8 | 28.3 | 1520 | 500 | D-12 | 870 |
| 120 | 0.153 | 4.5 | 0.075 | 1.9 | 30.0 | 1800 | 500 | D-12 | 1010 |
| 150 | 0.124 | 4.5 | 0.075 | 1.9 | 31.4 | 2110 | 500 | D-14 | 1210 |
| 185 | 0.0991 | 4.5 | 0.075 | 2.0 | 33.2 | 2480 | 500 | D-16 | 1450 |
| 240 | 0.0754 | 4.5 | 0.075 | 2.0 | 35.7 | 3070 | 500 | D-18 | 1780 |
| 300 | 0.0601 | 4.5 | 0.075 | 2.1 | 37.9 | 3700 | 500 | D-18 | 2090 |
| 400 | 0.0470 | 4.5 | 0.075 | 2.2 | 41.0 | 4620 | 500 | D-18 | 2550 |
| 500 | 0.0366 | 4.5 | 0.075 | 2.3 | 44.2 | 5660 | 500 | D-18 | 3070 |
| 630 | 0.0283 | 4.5 | 0.075 | 2.4 | 48.2 | 7040 | 500 | D-19 | 3840 |

All conductors circular compacted.

Cables conform to IEC 60502 - 2.