

3 Core Paper 11KV (Copper)

3 CORE PILC/SWA/PVC 11KV BS6480

Plain annealed copper conductors, Paper insulated/Lead or Lead Alloy sheathed/ Textile Compound bedded/Steel wire armoured/PVC sheathed. Mass impregnated non-draining type. 6350/11000 volts grade to BS6480. Standard colour: Red

| SIZE SQ.MM | THICKNESS INSULATION BETWEEN CONDUCTOR MM | THICKNESS INSULATION BETWEEN CONDUCTOR & LEAD MM | NOMINAL DIAMETER OVER PAPER BELT MM | RT OF LEAD SHEATH MM | NOMINAL DIAMETER OVER LEAD SHEATH MM | DIAMETER OF ARMOUR WIRE MM | NOMINAL DIAMETER OVER ARMOUR MM | APPROX OVERALL DIAMETER MM | WEIGHT KG/KM |
|---------------|---|--|---|-------------------------------|--|--|---|-------------------------------------|-----------------|
| 25 | 5.6 | 3.4 | 29.4 | 1.5 | 32.4 | 2.0 | 39.4 | 43.6 | 5100 |
| 35 | 5.6 | 3.4 | 32.1 | 1.6 | 35.3 | 2.0 | 38.3 | 46.7 | 5300 |
| 50 | 5.6 | 3.4 | 30.2 | 1.7 | 33.6 | 2.5 | 41.6 | 46.2 | 6500 |
| 70 | 5.6 | 3.4 | 33.3 | 1.8 | 36.9 | 2.5 | 44.9 | 49.7 | 7600 |
| 95 | 5.6 | 3.4 | 36.5 | 1.9 | 40.3 | 2.5 | 48.3 | 53.3 | 9000 |
| 120 | 5.6 | 3.4 | 39.2 | 1.9 | 43.0 | 2.5 | 52.0 | 56.2 | 10100 |
| 150 | 5.6 | 3.4 | 41.8 | 2.0 | 45.8 | 2.5 | 53.8 | 59.2 | 11500 |
| 185 | 5.6 | 3.4 | 45.0 | 2.1 | 49.2 | 2.5 | 57.2 | 62.8 | 13200 |
| 240 | 5.6 | 3.4 | 49.4 | 2.3 | 54.0 | 2.5 | 62.0 | 67.8 | 16000 |
| 300 | 5.6 | 3.4 | 53.5 | 2.4 | 58.3 | 3.15 | 67.6 | 73.6 | 19400 |
| 400 | 5.6 | 3.4 | 58.5 | 2.6 | 63.7 | 3.15 | 73.0 | 79.4 | 23100 |

Operating temperature: Maximum 80°C*, Minimum bending 0°C
* Conductor temperature only.

Conductor stranding: Class 2

25sq.mm & 35sq.mm - circular compacted conductors.
50sq.mm & above are shaped conductors.

Minimum bending radius: 12 x overall diameter.

Conductor identification: Numbered cores.



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