

XLPE/PVC/SWA/PVC (ALUMINIUM) BS5467

Solid sectoral aluminium conductors, XLPE insulated/PVC extruded bedded/Steel wire armoured/PVC sheathed. 600/1000 volts grade to BS5467.

Multicore Armoured (Aluminium)

FOUR CORE: BS5467

| SIZE SQ.MM | RT OF INSULATION MM | NOMINAL DIAMETER OVER CORE MM | RT OF BEDDING MM | DIAMETER OVER BEDDING MM | DIAMETER OF ARMOUR WIRE MM | DIAMETER OVER ARMOUR MM | APPROX OVERALL DIAMETER MM | WEIGHT KG/KM |
|------------|---------------------|-------------------------------|------------------|--------------------------|----------------------------|-------------------------|----------------------------|--------------|
| 25 | 0.9 | 15.7 | 1.0 | 17.8 | 1.6 | 21.1 | 24.6 | 1260 |
| 35 | 0.9 | 17.9 | 1.0 | 20.0 | 1.6 | 23.3 | 27.0 | 1430 |
| 50 | 1.0 | 20.7 | 1.0 | 22.8 | 1.6 | 26.1 | 30.0 | 1725 |
| 70 | 1.1 | 24.1 | 1.2 | 26.7 | 2.0 | 30.9 | 35.3 | 2525 |
| 95 | 1.1 | 27.6 | 1.2 | 30.2 | 2.0 | 34.4 | 39.0 | 3000 |
| 120 | 1.2 | 31.0 | 1.4 | 34.0 | 2.5 | 39.2 | 44.0 | 3950 |
| 150 | 1.4 | 34.7 | 1.4 | 37.7 | 2.5 | 42.9 | 47.9 | 4500 |
| 185 | 1.6 | 38.8 | 1.4 | 41.9 | 2.5 | 47.2 | 52.7 | 5400 |
| 240 | 1.7 | 44.0 | 1.6 | 47.5 | 2.5 | 52.8 | 58.5 | 6400 |
| 300 | 1.8 | 48.9 | 1.6 | 52.4 | 2.5 | 57.7 | 63.8 | 7650 |

Operating temperature: Maximum 90°C. Minimum bending 0°C

Minimum bending radius: 8 x overall diameter

Conductor identification: Red, Yellow, Blue and Black



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Telephone: +44 (0)121 508 6890

Fax: +44 (0)121 508 6891

Web: www.cablesbritain.com

Email: sales@cablesbritain.com