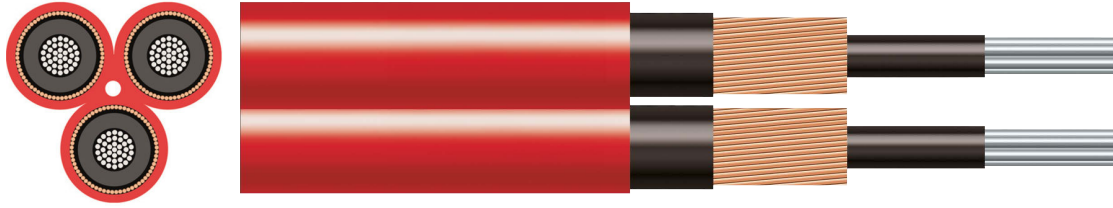


11KV TRIPLEX ALUMINIUM BS7870



These utility mains power cables, arranged in triplex formation with three single cores, and manufactured to BS 7870-4.10 standards, are designed for efficient power distribution. Commonly used by Distribution Network Operators (DNOs) and generation utilities, they are ideal for connecting electrical grids to sub-main developments and are suitable for power networks, outdoor installation, and cable ducting.

| | |
|---------------------------|-------------------------|
| CONDUCTOR | Aluminium |
| STRANDING | Class 2 |
| INSULATION | XLPE |
| METALLIC SCREEN | Copper Wire Screen |
| ARMOUR | Plain Copper Wire Braid |
| OUTERSHEATH | MDPE |
| OUTERSHEATH COLOUR | Red |
| RATED VOLTAGE | 6.35/11kV |
| STANDARDS | BS7870-4.10 |

SPECIFICATION DATA

| Size sq.mm | Weight kg/km | Max DC resistance at 20°C | Max AC resistance at 90°C | Current rating laid in ground (A) | Current rating laid in air 25°C (A) |
|------------|--------------|---------------------------|---------------------------|-----------------------------------|-------------------------------------|
| 95 | 2901 | 0.320 | 0.413 | 245 | 285 |
| 185 | 3926 | 0.164 | 0.215 | 353 | 430 |
| 300 | 5138 | 0.100 | 0.133 | 461 | 580 |

| BATT Part No | Size | Nominal Conductor Diameter mm | Nominal Conductor Screen Thickness | Diameter over Insulation mm | Insulation thickness mm | Diameter over Screen mm | Diameter over Sheath mm | Diameter in Triplex information mm |
|--------------|------|-------------------------------|------------------------------------|-----------------------------|-------------------------|-------------------------|-------------------------|------------------------------------|
| 56606 | 95 | 10.65 | 0.7 | 18.95 | 1 | 23.03 | 27.12 | 58.54 |
| 56607 | 185 | 14.9 | 0.7 | 23.25 | 1 | 27.33 | 31.67 | 68.24 |
| 56608 | 300 | 19 | 0.7 | 27.3 | 1 | 31.38 | 36.12 | 77.83 |

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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