

Applications: Power cable suitable for power networks, direct burial, outdoors, indoors and in cable ducts.

Conductors: Plain annealed stranded copper

Insulation: XLPE (Cross linked polyethylene)

Bedding: PVC (Polyvinyl-Chloride)

Armour/Protection: SWA (Galvanised single wire armour)

Sheath/Jacket: PVC (Polyvinyl-Chloride)

Colour: Black

Voltage: 600/1000v

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

Minimum bending radius:

1.5 sq.mm - 16 sq.mm - 6 x overall diameter (circular cond.)

25 sq.mm and above - 8 x overall diameter (shaped cond.)

Core identification:

Two Core - Brown, Blue

Three Core - Brown, Black & Grey (Optional: Brown, Blue & Green/Yellow)

Four Core - Brown, Black, Grey & Blue (Optional: Brown, Black, Grey & Green/Yellow)

Five Core - Numbered Cores (Optional: Brown, Black, Grey, Blue + Green/Yellow)

Six Core and Above - Numbered Cores (optional numbered + Green and Yellow)

Conductor stranding:

Class 2 stranded copper:

2 circular or circular compacted conductors

2ⁿ shaped or circular conductors or circular compacted conductors.

25 shaped conductors

(Dimensions and weights based on circular)

Standard:

BS5467: Electric cables. Thermosetting insulated, armoured cables for voltages of 600/1000V and 1900/3300V

IEC60502: Power cables with extruded insulation and their accessories for rated voltages from 1kV to 30kV

Flame Propagation Test to BS EN 60332-1-2 for single cable

Note: If you are considering installing in high UV exposure and/or high/low ambient temperatures i.e. desert/arctic conditions then special sheathing may be required

