



Caledonian

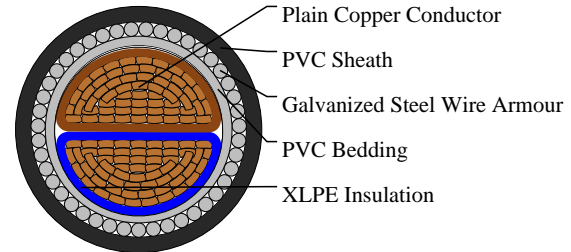
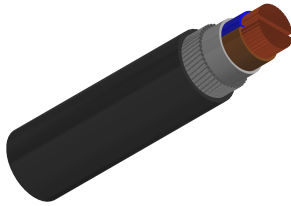
BS 5467 Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

BS 5467 Armoured Power Cables, 600/1000V

Two-core 600/1000 V cables with stranded copper conductors
2C35



APPLICATIONS

These cables are used for power and control circuits, they can offer excellent protection through the use of a heavy galvanized steel wire armour. The GSWA makes them suitable for use inside and outside buildings or for direct burial in the ground.

STANDARDS

BS 5467

FIRE PERFORMANCE

| | |
|------------------|-----------------|
| Flame Retardance | BS EN 60332-1-2 |
|------------------|-----------------|

VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

Conductor: Copper conductor, shaped stranded Class 2 to BS EN60228.

Insulation: XLPE (Cross-Linked Polyethylene) Type GP 8 conforming to BS 7655-1.3 or type GP6 conforming to BS 7655-1.2.

Bedding: The bedding shall consist of an extruded layer of polymeric material consistent with the operating temperature of the cable.

Armour: SWA (Galvanized steel Wire Armour)

Outer Sheath: Extruded PVC, type 9 specified in BS7655-4.2.

COLOUR CODE

Insulation Colour:

Two-core: Brown, blue

PHYSICAL AND THERMAL PROPERTIES

Temperature rating 0°C to +90°C

Bending radius: 1.5mm² to 16mm²: 6 x overall diameter



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25mm² and above: 8 x overall diameter

DIMENSION AND PARAMETERS

| No. of Cores × Cross-sectional Area | No./ Nominal Diameter of Strands | Nominal Insulation Thickness | Nominal Bedding Thickness | Nominal Sheath Thickness | Nominal Steel Wire Armour Diameter | Approx. Overall Diameter (Extruded Bedding) | Approx. Overall Diameter (Taped Bedding) | Approx. Weight |
|-------------------------------------|----------------------------------|------------------------------|---------------------------|--------------------------|------------------------------------|---|--|----------------|
| No. × mm ² | no./mm | mm | mm | mm | mm | mm | mm | kg/km |
| 2x35 Shaped | 7/2.52 | 0.9 | 1.0 | 1.7 | 1.6 | 23.3 | 22.9 | 1710 |