



Caledonian

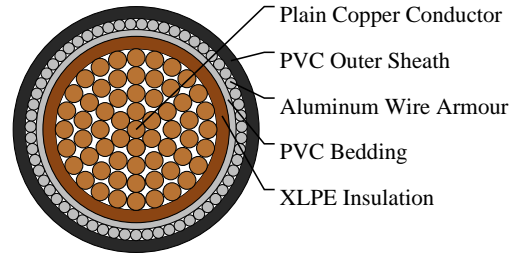
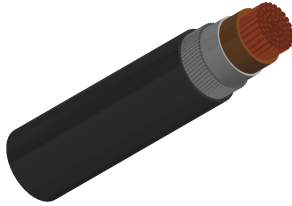
BS 5467 Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

BS 5467 Armoured Power Cables, 600/1000V

Single-core 600/1000 V cables with circular stranded copper conductor
1C500



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 Retardant | BS EN 60332-1-2 |
|-----------------|-----------------|

VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

Conductor: Copper conductor, round 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: AWA (Aluminum Wire Armour)

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

COLOUR CODE

Insulation: Brown.

PHYSICAL AND THERMAL PROPERTIES

Temperature rating 0°C to +90°C

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

25mm² and above: 8 x overall diameter



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DIMENSION AND PARAMETERS

| No. of Cores × Cross- sectional Area | No. and Dia. of Wires | Nominal Insulation Thickness | Nominal Bedding Thickness | Nominal Sheath Thickness | Nominal Aluminum Wire Armour Diameter | Approx. Overall Diameter | Approx. Weight |
|---|--------------------------|------------------------------------|---------------------------------|--------------------------------|--|--------------------------------|-------------------|
| No.×mm ² | no./mm | mm | mm | mm | mm | mm | kg/km |
| 1x500 | 61/3.2 | 2.2 | 1.2 | 2.1 | 2 | 44.2 | 5680 |