



# Caledonian

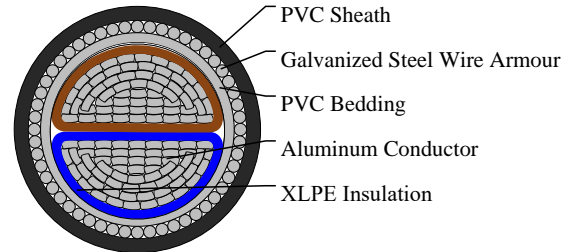
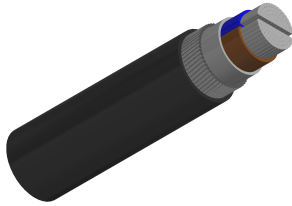
BS 5467 Cables

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## BS 5467 Armoured Power Cables, 600/1000V

Two-core 600/1000V cables with solid aluminum conductors  
2C70



### 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: Solid Aluminum conductor, shaped, Class 1 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: Brown, blue

### PHYSICAL AND THERMAL PROPERTIES

Temperature rating: 0°C to +90°C

Bending radius:

1.5mm<sup>2</sup> to 16mm<sup>2</sup>: 6 x overall diameter



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25mm<sup>2</sup> and above: 8 x overall diameter

**DIMENSION AND PARAMETERS**

| No. of Cores<br>× Cross-<br>sectional<br>Area | Nominal<br>Insulation<br>Thickness | Nominal<br>Bedding<br>Thickness | Nominal<br>Sheath<br>Thickness | Nominal<br>Steel Wire<br>Armour<br>Diameter | Approx.<br>Overall<br>Diameter<br>(Extruded<br>Bedding) | Approx.<br>Overall<br>Diameter<br>(Taped<br>Bedding) | Approx.<br>Weight |
|---|------------------------------------|---------------------------------|--------------------------------|---|---|--|-------------------|
| No.×mm <sup>2</sup>                           | mm                                 | mm                              | mm                             | mm  | mm  | mm   | kg/km             |
| 2x70<br>Shaped                                | 1.1                                | 1                               | 1.9                            | 1.6   | 26.3  | 25.9   | 1780              |