



# Caledonian

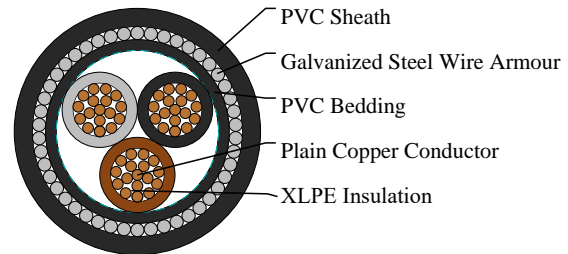
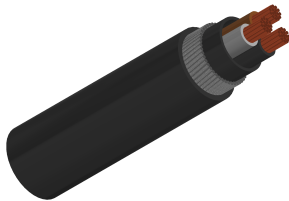
BS 5467 Cables

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

Three-core 600/1000V cables with stranded copper conductors  
3C16



### 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, circular 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: GSWA (Galvanized steel Wire Armour).

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

### COLOUR CODE

Insulation Colour: Brown, Black, Grey

### 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 × 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 <sup>2</sup>               | no./mm                           | mm                           | mm                        | mm                       | mm                                 | mm  | mm                                       | kg/km          |
| 3x16                                | 7/1.7                            | 0.7                          | 0.8                       | 1.6                      | 1.25                               | 21.6  | 21.6                                     | 1130           |