



# Caledonian

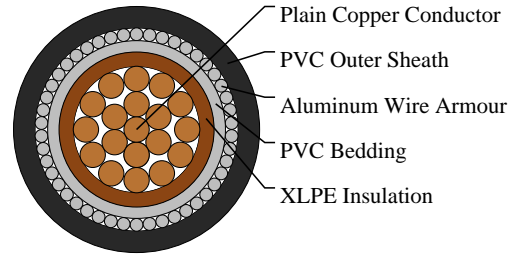
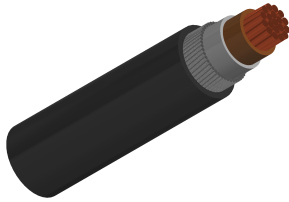
BS 5467 Cables

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

Single-core 600/1000 V cables with circular stranded copper conductor  
1C50



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

25mm<sup>2</sup> 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 <sup>2</sup>	no./mm	mm	mm	mm	mm	mm	kg/km
1x50	19/1.78	1	0.8	1.5	0.9	17.5	800