



# Caledonian

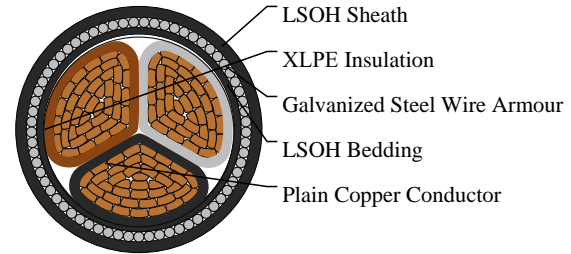
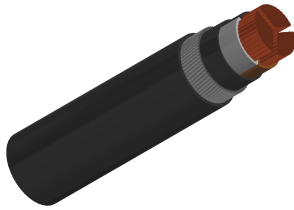
BS 6724 Cables

www.caledonian-cables.com

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## BS 6724 Armoured Power Cables, 600/1000V

Three-core 600/1000V cables with stranded copper conductors  
3C185



### 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. For installation where fire, smoke emission and toxic fumes create a potential threat to life and equipment.

### STANDARDS

BS 6724

### FIRE PERFORMANCE

Flame Retardance	BS EN 60332-1-2 ; BS EN 60332-3-24:2009
Halogen Free	BS EN 60754-1
Smoke Density	BS EN 61034-2

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

Outer Sheath: LSOH (Low Smoke Zero Halogen), conforming to BS 7655-6.1.

### COLOUR CODE

Insulation Colour: Brown, Black, Grey

### PHYSICAL AND THERMAL PROPERTIES



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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

### 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
3x185 Shaped	37/2.52	1.6	1.4	2.4	2.5	49.8	48.6	8600



Rated voltage



BS 6346



Flame Retardancy  
BS EN 50265-2-1