



Caledonian

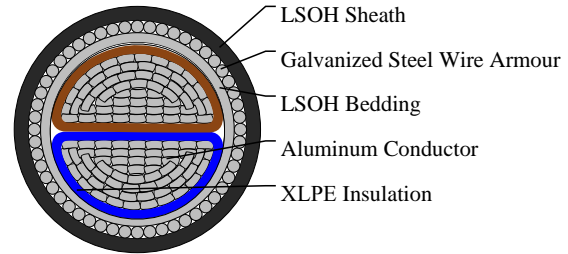
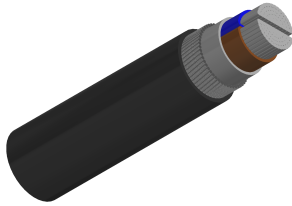
BS 6724 Cables

www.caledonian-cables.com

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BS 6724 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. For installation where fire, smoke emission and toxic fumes create a potential threat to life and equipment.

STANDARDS

BS 6724

FIRE PERFORMANCE

| | |
|-----------------|---|
| Flame retardant | 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: 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: LSOH (Low Smoke Zero Halogen), conforming to BS 7655-6.1.

COLOUR CODE

Insulation Colour: Brown, blue

PHYSICAL AND THERMAL PROPERTIES



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Temperature rating: 0°C to +90°C

Bending radius:

1.5mm² to 16mm²: 6 x overall diameter

25mm² and above: 8 x overall diameter

DIMENSION AND PARAMETERS

| No. of Cores × Cross- sectional Area | 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 ² | mm | mm | mm | mm | mm | mm | kg/km |
| 2x70 Shaped | 1.1 | 1 | 1.9 | 1.6 | 26.3 | 25.9 | 1780 |