



# Caledonian

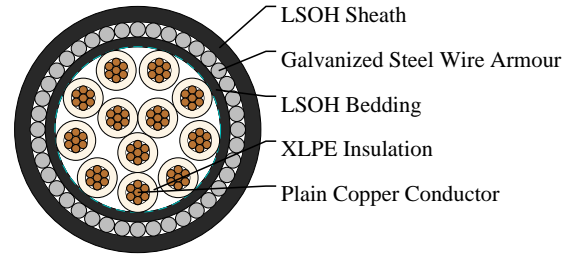
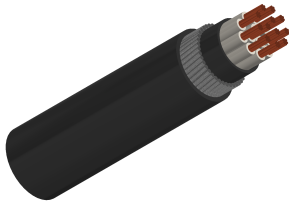
BS 6724 Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

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

Multi-core 600/1000V cables with stranded copper conductors  
12C4



## 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, 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: SWA (Galvanized steel Wire Armour)

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

## COLOUR CODE

Insulation Colour:

Above 5 Cores: White Cores with black numbers



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## 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

## DIMENSION AND PARAMETERS

| No. of Cores<br>× Cross-sectional<br>Area | No./Nominal<br>Diameter<br>of Strands | 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 | Approx.<br>Weight |
|---|---------------------------------------|------------------------------------|---------------------------------|--------------------------------|---|--------------------------------|-------------------|
| No.×mm <sup>2</sup>                       | no./mm                                | mm                                 | mm                              | mm                             | mm  | mm                             | kg/km             |
| 12x4                                      | 7/0.85                                | 0.7                                | 1                               | 1.6                            | 1.6   | 25.7                           | 1390              |