



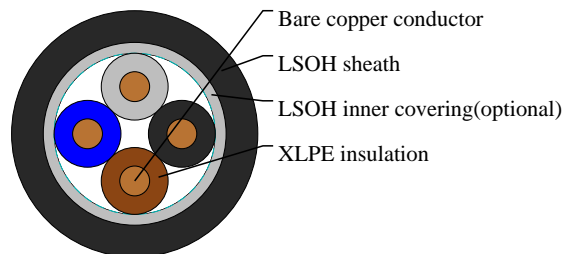
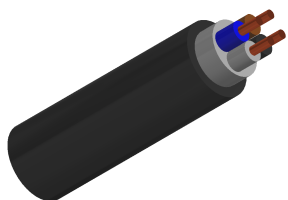
# Caledonian

Industrial Cables to British Standard

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## 6184B to BS 7211



## APPLICATIONS

These cables are designed for fixed wiring purposes in domestic and industrial power/lighting applications. They can be installed in trunking or conduit, or may be surface mounted when used for earthing. They are suitable for use in areas (such as public and government buildings) where smoke and toxic fumes may cause a threat to life and equipment. When mechanical protection is required, they can be embedded in concrete.

## VOLTAGE RATING

450/750V

## CABLE CONSTRUCTION

- Bare copper made of strands conductor
- Stranding to IEC 60228 CL-1
- Thermosetting insulation, type EI 5 or type GP 8 insulation
- For 2 cores and above, the cores shall be laid up together. Centre filler may be used; the laid up cores may be covered by an optional extruded inner covering or separating tape
- LSOH type LTS4 sheath

## COLOUR CODE

Insulation Colour Code:

4-core: blue, brown, black and grey

## PHYSICAL AND THERMAL PROPERTIES

- Operating temperature: -15° C to +90° C
- Insulation resistance: 10 MΩxkm
- Halogen free acc. to EN 50267-2-1 / IEC 60754-1
- Smoke density acc. to EN 50268-2 / IEC 61034-2
- Corrosivity of gases acc. to EN 50267-2-2, IEC 60754-2
- Flame retardancy acc. to EN 50265-2-1, IEC 60332-1

## DIMENSION AND PARAMETERS



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| No. of Cores<br>× Cross-<br>sectional Area | AWG Size  | Nominal<br>Insulation<br>Thickness | Nominal<br>Sheath<br>Thickness | Nominal<br>Inner Sheath<br>Thickness | Overall<br>Diameter<br>(min.) | Overall<br>Diameter<br>(max.) |
|--|-----------|------------------------------------|--------------------------------|--------------------------------------|-------------------------------|-------------------------------|
| No.×mm <sup>2</sup>                        |           | mm                                 | mm                             | mm                                   | mm                            | mm                            |
| 4x1  | 18(solid) | 0.7                                | 1.2                            | 0.4                                  | 8.1                           | 10.7                          |