



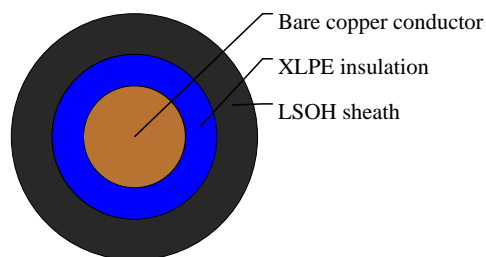
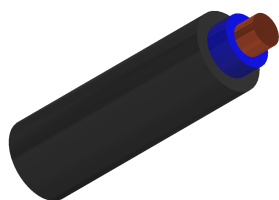
# Caledonian

Industrial Cables to British Standard

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## 6181B 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
- LSOH type LTS4 sheath

## 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

No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (min.)	Overall Diameter (max.)
No.×mm <sup>2</sup>		mm	mm	mm	mm
1x4	12(solid)	0.7	0.9	5.2	6.3