



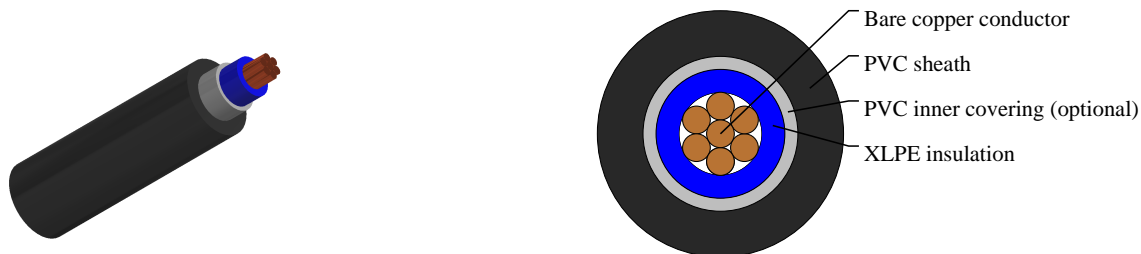
# Caledonian

Industrial Cables to British Standard

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## 6181X to BS 7889



## APPLICATIONS

These cables are designed for surface wiring where there is little risk of mechanical damage and are suitable for use in electrical installations such as power and lighting.

## VOLTAGE RATING

600/1000V

## CABLE CONSTRUCTION

- Bare copper conductor
- Stranding to BS 6360 CL-2 or IEC 60228 CL-2
- XLPE GP8 insulation
- Inner covering (optional)
- PVC sheath Type 9 to BS7655-4.2

## COLOUR CODE

1-core: brown or blue

## PHYSICAL AND THERMAL PROPERTIES

- Minimum bending radius: OD<25 mm : 4xoverall diameter  
OD>25 mm: 6xoverall diameter  
Shapped conductor: 8xoverall diameter
- Operating temperature: -15° C to +90° C
- Insulation resistance: 10 MΩxkm
- Flame retardant: IEC 60332.1

## DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Nominal Inner Sheath Thickness
No.×mm <sup>2</sup>	mm	mm	mm
1x4	0.7	1.4	0.4