



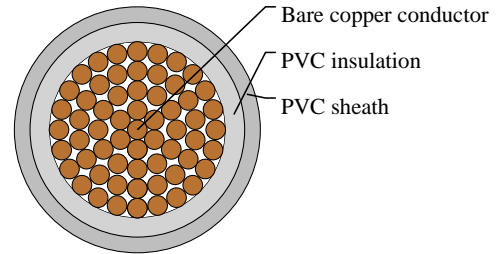
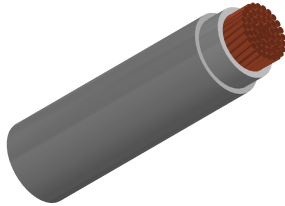
# Caledonian

Industrial Cables to British Standard

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## 6381Y to BS 6004 & IEC60502



### APPLICATIONS

These cables are designed for DC power supplies on Telecom equipment and power applications where flexibility is required.

### VOLTAGE RATING

600/1000V

### CABLE CONSTRUCTION

- Bare copper conductor
  - Stranding to BS6360 CL-5 or IEC60228 CL-5
  - PVC insulation Type T11 to BS7655
  - PVC sheath Type TM1 to BS7655  
oxygen index > 30%
- Meets requirements for flammability as required by BT specification M231

### COLOUR CODE

Sheath/Core Identification

Blue (Blue), Grey (Grey), Green/Yellow (Green/Yellow), Brown (Brown), Special colours to order

### PHYSICAL AND THERMAL PROPERTIES

- Minimum bending radius: up to 50 mm<sup>2</sup> : 3xoverall diameter,  
70mm<sup>2</sup> and above: - 4xoverall diameter
- Operating temperature: -15° C to +70° C
- Insulation resistance: 10 MΩxkm
- Flame retardant: IEC 60332.1, BS4066 Part 1

### DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No. × mm <sup>2</sup>		mm	mm	mm	kg/km
1x240	500MCM	2.2	1.8	28.5	2514