



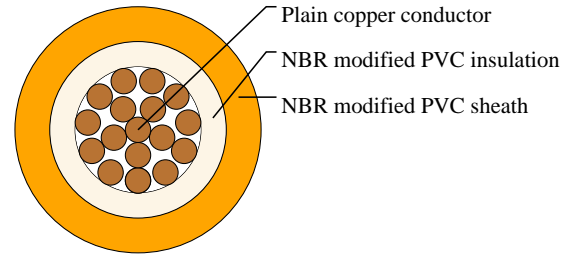
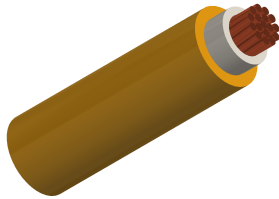
# Caledonian

Industrial Cables (Australian Standard Low Voltage)

www.caledonian-cables.com

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## Single Core Double Insulated Flexible Power and Welding Cable, 0.6/1kV



### APPLICATIONS

These cables are used for fixed power applications, can be used in power applications, such as switchboards, busbars, transformers, welding applications, like E and electrode leads, and automotive applications for jumper leads, battery chargers.

### STANDARDS

AS 5000.1

AS 1995

AS 1125

AS 3808

### VOLTAGE RATING

0.6/1kV

### CABLE CONSTRUCTION

Conductor: Nominal 0.2mm stranded flexible plain copper wire to AS 1125

Insulation: Nitrile (NBR) Modified PVC to comply with AS3808 V90HT

Sheath: Nitrile (NBR) Modified PVC to comply with AS3808 V90HT

### COLOUR CODE

Insulation Colour: White

Sheath Colours: Orange, Black - other colours available by request

### TECHNICAL CHARACTERISTICS

Nom. Cross-Section Area	Current Rating AMPS 2 single cores	Maximum DC Resistance @20°C	Voltage Drop at Max Operating Temperature (Single Phase)	Voltage Drop at Max Operating Temperature (Three Phase)
mm <sup>2</sup>		Ohm/km	mV/A/m	mV/A/m
16	92	1.21	2.80	2.43

### DIMENSION AND PARAMETERS



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No. of Cores × Cross- sectional Area	No./Nominal Diameter of Strands	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm <sup>2</sup>	no./mm	mm	mm	mm	kg/km
1x16	511/0.2	1.0	1.4	10.1	20.16