



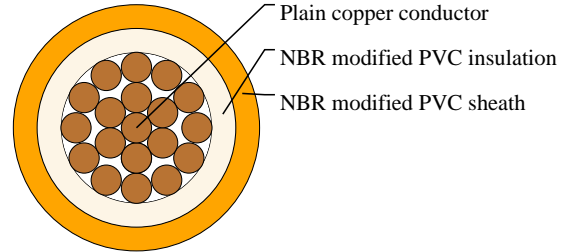
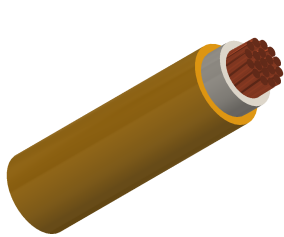
Caledonian

Industrial Cables (Australian Standard Low Voltage)

www.caledonian-cables.com

marketing@caledonian-cables.com

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 ²		Ohm/km	mV/A/m	mV/A/m
50	185	0.386	0.96	0.83

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 ²	no./mm	mm	mm	mm	kg/km
1x50	1568/0.2	1.4	1.4	14.9	52.84