



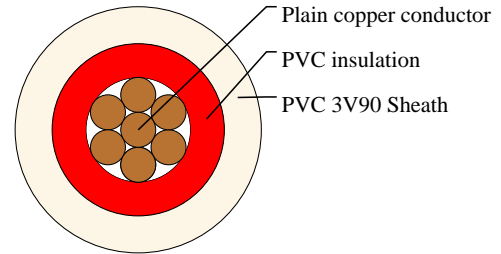
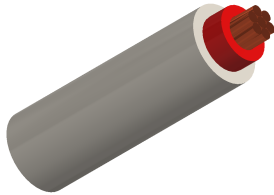
# Caledonian

Industrial Cables (Australian Standard Low Voltage)

www.caledonian-cables.com

marketing@caledonian-cables.com

## PVC Insulated, Single Core Cable, 450/750V



### APPLICATIONS

These cables are used for switchboard and control panel wiring, and for fixed wiring within other enclosures or apparatus where the cable is not accessible without the use of tools.

### STANDARDS

AS/NZS 5000.2

AS 1125

AS 3808

### VOLTAGE RATING

450/750V

### CABLE CONSTRUCTION

Conductor: Plain annealed copper

Maximum operating temperature: 90°C

Insulation: PVC V90

Sheath: Polyvinylchloride compound PVC 3V90

### COLOUR CODE

Insulation colour: Red/Black

Sheath colour: White, other colors are available upon request

### TECHNICAL CHARACTERISTICS

Nom. Cross-Section Area	Current Ratings (Unenclosed In Air)	Current Ratings (Surrounded by thermal insulation)	Current Ratings (Buried In Ducts)	Maximum DC Resistance @20°C	Maximum AC Resistance @75°C	Reactance	Single Phase Voltage Drop
mm <sup>2</sup>	A	A	A	Ohm/km	Ohm/km	Ohm/km	mV/A/m
6	46	78	58	3.08	3.93	0.128	7.86

### 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
1x6	7/1.04	1.0	1.1	6.6	100