



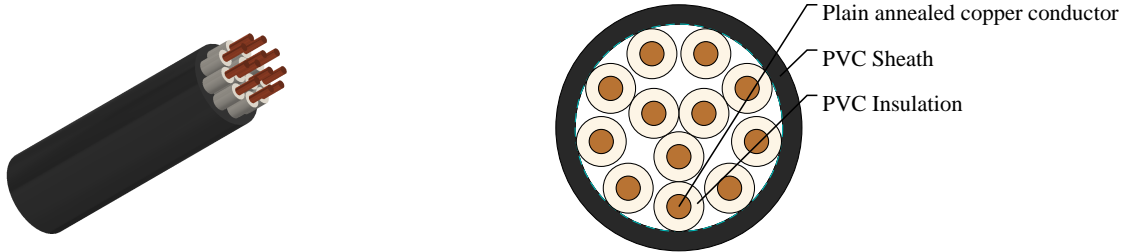
Caledonian

Industrial Cables (Australian Standard Low Voltage)

www.caledonian-cables.com

marketing@caledonian-cables.com

PVC Insulated, Round Cables, 450/750V



APPLICATIONS

These cables are used for control circuits unenclosed, enclosed in conduit, buried direct or in underground ducts for commercial, industrial, mining and electricity authority systems where not subject to mechanical damage.

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 5V90

COLOUR CODE

Insulation colour: White (Numbered)

Sheath colour: Black, other colors are available upon request

TECHNICAL CHARACTERISTICS

Nom. Cross-Section Area	Current Ratings (Unenclosed In Air)	Current Ratings (Buried Direct)	Current Ratings (Buried In Ducts)	Maximum DC Resistance @20°C	Maximum AC Resistance @75°C	Reactance	Single Phase Voltage Drop @75°C
mm ²	A	A	A	Ohm/km	Ohm/km	Ohm/km	mV/A/m
1.0	14	21	17	18.1	25.8	0.119	51.6

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
12x1	1/1.13	0.6	0.9	12.9	240