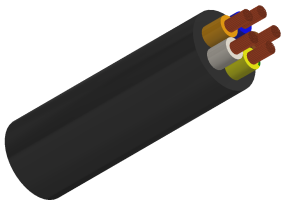
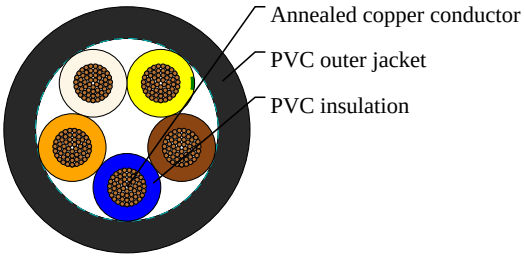
Caledonian

Industrial Cables (Australian Standard Low Voltage)

www.caledonian-cables.com marketing@caledonian-cables.com

V75 PVC Heavy Duty Flexible Cord,0.6/1kV





APPLICATIONS

These cables are suitable for installation in switchboards and control panels where confined spaces and tortuous routes are encountered, or where flexibility is needed for hinged panels, and for fixed wiring within other enclosures where the cable is not accessible without the use of tools. they are suitable for extension leads in sizes 1 mm2 and above and suitable for supply to small industrial and commercial equipment requiring three phase power. They are also suitable for equipment requiring three phase and single phase supply and an earth connection, for example equipment containing a three phase motor and single phase pilot lights, such as industrial sweepers, vacuum cleaners, welders, etc, also suitable for use with double insulated appliances where the cord is subject to higher mechanical stress, in damp and wet conditions.

STANDARDS

AS/NZS 5000.1
AS/NZS 3191
AS/NZS 1125

VOLTAGE RATING

0.6/1kV

CABLE CONSTRUCTION

Conductor: Annealed copper conductor to AS/NZS 1125
Maximum continuous operating temperature: 75°C
Insulation: V-75 PVC
Sheath: 4V-75 PVC

COLOUR CODE

Insulation Colours: Brown, Light Blue, Orange, White, Green/Yellow
Sheath Colours: Black, Orange

TECHNICAL CHARACTERISTICS

Nom. Cross-Section Area	Current Carrying Capacity	Maximum DC Resistance @20°C	Maximum AC Resistance @90°C	Single Phase Voltage Drop
mm²	A	Ohm/km	Ohm/km	mV/A/m

4	25	4.95	6.02	12.0

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm²	mm	mm	mm	kg/km
5x4	1.0	2.2	17.1	46