



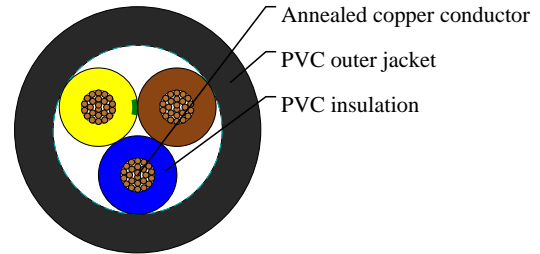
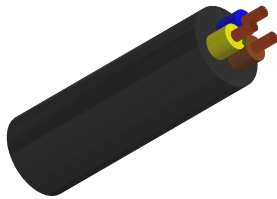
Caledonian

Industrial Cables (Australian Standard Low Voltage)

www.caledonian-cables.com

marketing@caledonian-cables.com

V90 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: 90°C

Insulation: V-90 PVC

Sheath: 5V-90 PVC

COLOUR CODE

Insulation Colours: Brown, Light Blue, 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 |
|-------------------------|---------------------------|-----------------------------|-----------------------------|---------------------------|
| mm ² | A | Ohm/km | Ohm/km | mV/A/m |



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| | | | | |
|------|-----|------|------|------|
| 0.75 | 7.5 | 26.0 | 33.2 | 66.3 |
|------|-----|------|------|------|

DIMENSION AND PARAMETERS

| No. of Cores × Cross-sectional Area | Nominal Insulation Thickness | Nominal Sheath Thickness | Approx. Overall Diameter | Approx. Weight |
|--|---------------------------------|-----------------------------|-----------------------------|----------------|
| No. × mm ² | mm | mm | mm | kg/km |
| 3 × 0.75 | 0.8 | 1.4 | 8.8 | 10 |