



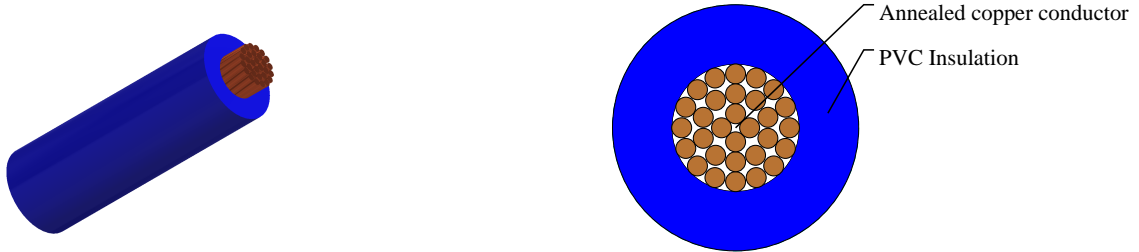
# Caledonian

Industrial Cables (Australian Standard Low Voltage)

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## V90 PVC Ordinary Duty Flexible Cord, 250/400V



### APPLICATIONS

These cables are suitable for installation in dry applications only, in conduit or enclosures, such as switchboards, control panels, appliances and electrical equipment. such as radios, desk lamps and office machines, etc. Also they are used for extension leads in sizes 1 mm<sup>2</sup> and above. Multicore cords containing an E core are suitable for a number of applications in dry and damp conditions, such as domestic appliances (washing machines, dishwashers). Leads for industrial and office equipment requiring a three-phase supply and an earth connection.

### STANDARDS

AS/NZS 3191

AS/NZS 1125

### VOLTAGE RATING

250/400V

### 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: Red, White, Light Blue, Black

Sheath Colours: Grey, White, 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 <sup>2</sup>         | A                         | Ohm/km                      | Ohm/km                      | mV/A/m                    |
| 1.5                     | 16                        | 13.3                        | 17                          | 34                        |

### DIMENSION AND PARAMETERS



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| No. of Cores ×<br>Cross-sectional Area | Nominal Insulation<br>Thickness | Approx. Overall Diameter | Approx. Weight |
|--|---------------------------------|--------------------------|----------------|
| No. × mm <sup>2</sup>                  | mm                              | mm                       | kg/km          |
| 1 × 1.5                                | 0.7                             | 3.0                      | 2.1            |