Caledonian Industrial Cables



Australian Standard

V90 PVC Light Duty Flexible Cord, 250/250V

Application

These cables are suitable for installing in dry applications only. They are use in radios, shavers, desk lamps and small portable equipment or use in office machines, hair dryers etc.and for appliances requiring an earth connection. Also suitable for use with double insulated appliances where the cord is not subject to mechanical stress.

Standard

AS/NZS 3191, AS/NZS 1125

Cable Construction



Annealed copper conductor

-PVC insulation

Conductor: Annealed copper conductor to AS/NZS 1125

Maximum continuous operating temperature: 90°C

Insulation: V-90 PVC

Colours: 2C Brown, Light Blue

3C Brown, Light Blue, Green/Yellow

Sheath: 5V-90 PVC

Colours: Grey, White, Black, Orange

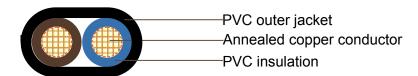
Technical Characteristics

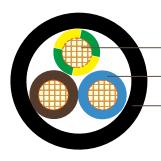
Conductor Size mm²	Current Carrying Capacity A	Max. DC Resistance Ohm/km @ 20 °C	Max. AC Resistance Ohm/km @ 90 °C	Single Phase Voltage Drop MV/A.m
0.5	3	39	49.7	99.4
0.75	7.5	26	33.2	66.3
1	10	19.5	24.9	49.8
1.5	16	13.3	17	34
2.5	20	7.98	10.2	20.3
4	25	4.95	6.31	12.6



Addison Industrial Cables

Australian Standard





-Annealed copper conductor

PVC insulation

PVC outer jacket

Cable Parameter

Conductor Size	No.of cores	Nominal Insulation Thickness	Nominal Sheath Thickness	Nominal O.D.	Approx.cable weight			
mm ²		mm	mm	mm	kg/100m			
Flat								
0.5	2	0.5	0.6	5.2×3.3	2.8			
0.75	2	0.5	0.6	5.6×3.5	3.4			
Round								
0.5	2	0.5	0.6	5.2	3.7			
0.5	3	0.5	0.6	5.5	4.2			
0.75	2	0.5	0.6	5.6	4.5			
0.75	3	0.5	0.6	5.9	5.4			
Parallel Webbed, Flat, Unsheathed								
0.5	2	0.8	-	5.2×2.6	2.2			
0.75	2	0.8	-	5.6×2.8	2.7			
1.0	2	0.8	-	6.0×3.0	3.3			
1.5	2	0.8	-	6.6×3.3	4.5			
2.5	2	0.9	-	7.9×3.9	6.6			
4	2	1.0	-	9.3×4.7	11.0			