



V90 PVC Light Duty Flexible Cord, 250/250V

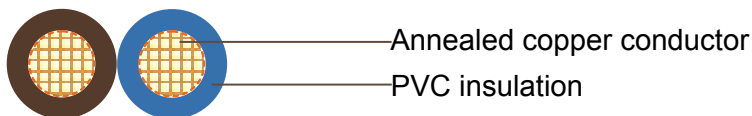
Application

These cables are suitable for installing in dry applications only. They are used 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



Conductor: Annealed copper conductor to AS/NZS 1125

Maximum continuous operating temperature: 90°C

Insulation: V-90 PVC

Colours: 2C Brown, Light Blue

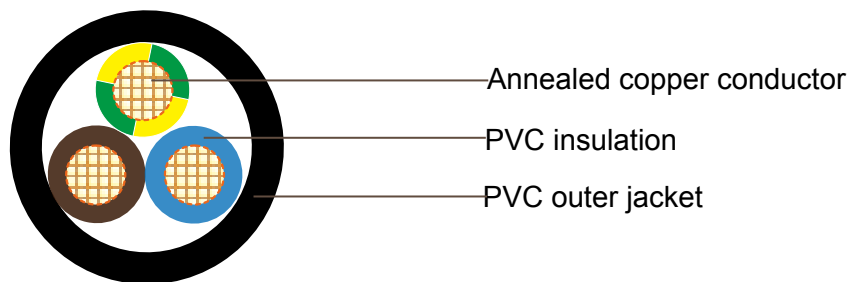
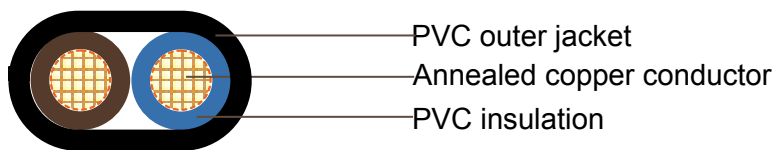
3C Brown, Light Blue, Green/Yellow

Sheath: 5V-90 PVC

Colours: Grey, White, Black, Orange

Technical Characteristics

Conductor Size mm ²	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



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