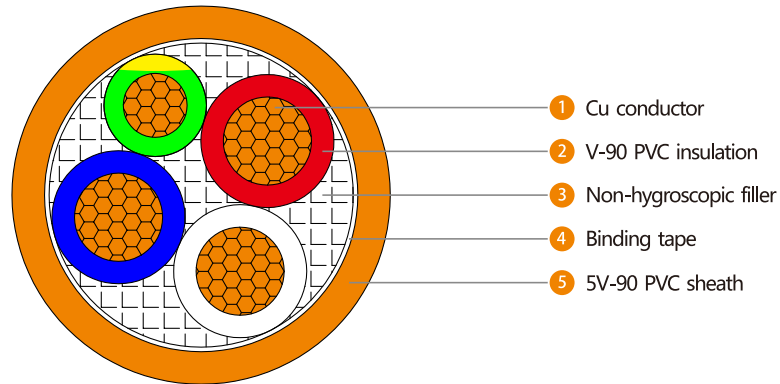


PVC/PVC Circular 3 Core & Earth



- 1 Cu conductor
- 2 V-90 PVC insulation
- 3 Non-hygroscopic filler
- 4 Binding tape
- 5 5V-90 PVC sheath

Properties:

Rated voltage	0.6/1kV
Max. operating temperature of conductor:	90°C
Max. short-circuit operation temperature of conductor (5s Max. duration):	160°C
Min. temperature for installing without preheating:	+0°C
Standard	AS/NZS 5000.1

Structural Parameters:

Nominal conductor area mm ²	Nominal earth conductor area mm ²	Approx. diameter of phase conductor mm	Conductor Type	Approx. diameter of earth conductor mm	Conductor Type	Nominal thickness of insulation of phase conductor mm	Nominal thickness of insulation of earth conductor mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km
1.5	1.5	1.5	Stranded Cu	1.5	Stranded Cu	0.8	0.8	1.8	14.0	186
2.5	2.5	2.0	Stranded Cu	2.0	Stranded Cu	0.8	0.8	1.8	15.2	241
4	2.5	2.5	Stranded Cu	2.0	Stranded Cu	1.0	0.8	1.8	16.9	319
6	2.5	3.1	Stranded Cu	2.0	Stranded Cu	1.0	0.8	1.8	18.0	393
10	4	3.8	Compact Cu	2.5	Stranded Cu	1.0	1.0	1.8	19.8	556
16	6	4.8	Compact Cu	3.1	Stranded Cu	1.0	1.0	1.8	22.0	773
25	6	6.0	Compact Cu	3.1	Stranded Cu	1.2	1.0	1.8	25.0	1099
35	10	7.0	Compact Cu	3.8	Compact Cu	1.2	1.0	1.8	27.3	1447
50	16	8.1	Compact Cu	4.8	Compact Cu	1.4	1.0	1.8	30.7	1933
70	25	9.9	Compact Cu	6.0	Compact Cu	1.4	1.2	1.9	35.1	2704
95	25	11.5	Compact Cu	6.0	Compact Cu	1.6	1.2	2.1	39.7	3594
120	35	12.9	Compact Cu	7.0	Compact Cu	1.6	1.2	2.2	43.1	4455
150	50	14.4	Compact Cu	8.1	Compact Cu	1.8	1.4	2.3	48.0	5526
185	70	16.1	Compact Cu	9.9	Compact Cu	2.0	1.4	2.5	53.4	6948
240	95	18.4	Compact Cu	11.5	Compact Cu	2.2	1.6	2.7	60.3	9070
300	120	20.6	Compact Cu	12.9	Compact Cu	2.4	1.6	2.9	66.6	11281
400	120	23.4	Compact Cu	12.9	Compact Cu	2.6	1.6	3.1	73.6	13972