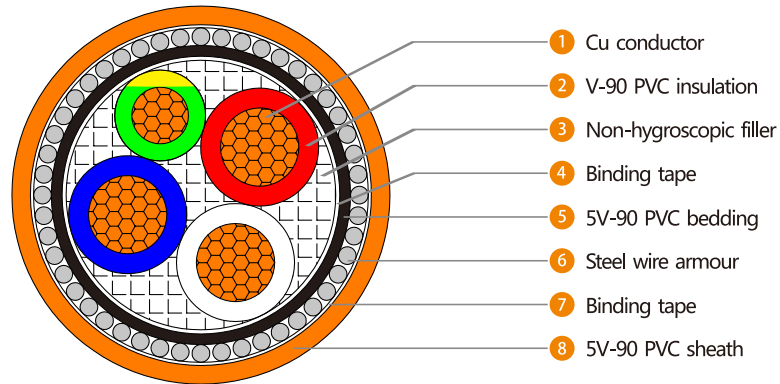


# PVC/PVC/SWA/PVC Circular 3 Core & Earth



## 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 <sup>2</sup>	Nominal earth conductor area mm <sup>2</sup>	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 diameter over bedding mm	Nominal diameter over armour mm	Nominal thickness of outer sheath mm	Max. diameter of cable mm	Approx. mass of cable kg/km
1.5	1.5	1.5	Stranded Cu	1.5	Stranded Cu	0.8	0.8	10.4	12.0	1.8	18.0	431
2.5	2.5	2.0	Stranded Cu	2.0	Stranded Cu	0.8	0.8	11.6	13.2	1.8	19.2	509
4	2.5	2.5	Stranded Cu	2.0	Stranded Cu	1.0	0.8	13.3	15.8	1.8	22.2	763
6	2.5	3.1	Stranded Cu	2.0	Stranded Cu	1.0	0.8	14.4	16.9	1.8	23.3	865
10	4	3.8	Compact Cu	2.5	Stranded Cu	1.0	1.0	16.2	18.7	1.8	25.1	1079
16	6	4.8	Compact Cu	3.1	Stranded Cu	1.0	1.0	18.4	21.6	1.8	28.0	1492
25	6	6.0	Compact Cu	3.1	Stranded Cu	1.2	1.0	21.4	24.6	1.8	31.1	1937
35	10	7.0	Compact Cu	3.8	Compact Cu	1.2	1.0	23.7	26.9	1.8	33.3	2367
50	16	8.1	Compact Cu	4.8	Compact Cu	1.4	1.0	27.0	30.2	2.0	37.1	3003
70	25	9.9	Compact Cu	6.0	Compact Cu	1.4	1.2	31.7	35.7	2.1	42.7	4229
95	25	11.5	Compact Cu	6.0	Compact Cu	1.6	1.2	35.9	39.9	2.2	47.4	5309
120	35	12.9	Compact Cu	7.0	Compact Cu	1.6	1.2	39.1	43.1	2.4	57.5	6962
150	50	14.4	Compact Cu	8.1	Compact Cu	1.8	1.4	43.8	48.8	2.5	57.4	8102
185	70	16.1	Compact Cu	9.9	Compact Cu	2.0	1.4	48.7	53.7	2.7	63.0	9832
240	95	18.4	Compact Cu	11.5	Compact Cu	2.2	1.6	55.2	60.2	2.9	70.2	12359
300	120	20.6	Compact Cu	12.9	Compact Cu	2.4	1.6	60.9	65.9	3.1	76.6	14926
400	120	23.4	Compact Cu	12.9	Compact Cu	2.6	1.6	67.1	73.4	3.4	85.5	18930