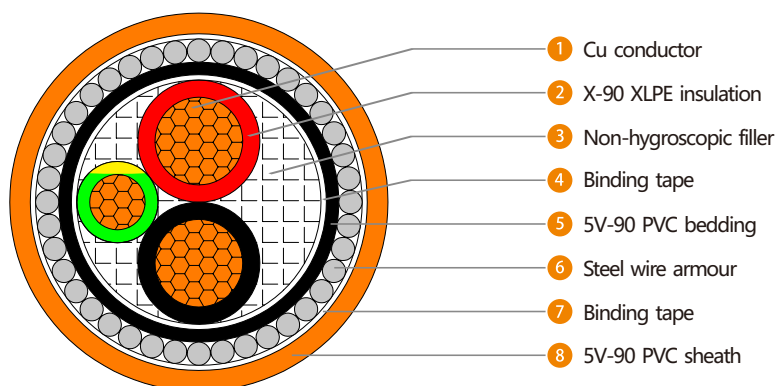


XLPE/PVC/SWA/PVC Circular 2 Core & Earth



Properties:

Rated voltage	0.6/1kV
Max. operating temperature of conductor:	90°C
Max. short-circuit operation temperature of conductor (5s Max. duration):	250°C
Min. temperature for installing without preheating:	+0°C
Standard	AS/NZS 5000.1

Structural Parameters:

Nominal conductor area	Nominal earth conductor area	Approx. diameter of phase conductor	Conductor Type	Approx. diameter of earth conductor	Conductor Type	Nominal thickness of insulation of phase conductor	Nominal thickness of insulation of earth conductor	Nominal diameter over bedding	Nominal diameter over armour	Nominal thickness of outer sheath	Max. diameter of cable	Approx. mass of cable
mm ²	mm ²	mm		mm		mm	mm	mm	mm	mm	mm	kg/km
1.5	1.5	1.5	Stranded Cu	1.5	Stranded Cu	0.7	0.7	9.1	10.7	1.8	16.7	356
2.5	2.5	2.0	Stranded Cu	2.0	Stranded Cu	0.7	0.7	10.2	11.8	1.8	17.8	419
4	2.5	2.5	Stranded Cu	2.0	Stranded Cu	0.7	0.7	10.9	12.5	1.8	18.5	474
6	2.5	3.1	Stranded Cu	2.0	Stranded Cu	0.7	0.7	11.9	13.5	1.8	19.5	541
10	4	3.8	Compact Cu	2.5	Stranded Cu	0.7	0.7	13.3	15.8	1.8	22.3	820
16	6	4.8	Compact Cu	3.1	Stranded Cu	0.7	0.7	15.3	17.8	1.8	24.2	1024
25	6	6.0	Compact Cu	3.1	Stranded Cu	0.9	0.7	18.5	21.7	1.8	28.1	1465
35	10	7.0	Compact Cu	3.8	Compact Cu	0.9	0.7	20.5	23.7	1.8	30.1	1789
50	16	8.1	Compact Cu	4.8	Compact Cu	1.0	0.7	23.0	26.2	1.8	32.7	2211
70	25	9.9	Compact Cu	6.0	Compact Cu	1.1	0.9	27.0	30.2	2.0	37.1	2925
95	25	11.5	Compact Cu	6.0	Compact Cu	1.1	0.9	30.8	34.8	2.1	41.8	3892
120	35	12.9	Compact Cu	7.0	Compact Cu	1.2	0.9	34.4	38.4	2.2	45.8	4704
150	50	14.4	Compact Cu	8.1	Compact Cu	1.4	1.0	38.2	42.2	2.3	50.0	5630
185	70	16.1	Compact Cu	9.9	Compact Cu	1.6	1.1	42.6	47.6	2.5	56.2	7323
240	95	18.4	Compact Cu	11.5	Compact Cu	1.7	1.1	47.6	52.6	2.7	61.8	9040
300	120	20.6	Compact Cu	12.9	Compact Cu	1.8	1.2	52.8	57.8	2.8	67.5	10932
400	120	23.4	Compact Cu	12.9	Compact Cu	2.0	1.2	59.7	64.7	3.1	75.4	13175