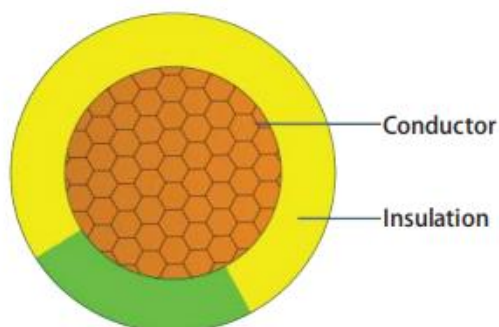


V-90 PVC Insulation

CU/PVC-0.6/1KV-EARTH WIRE



Construction

Conductor : Class 2 stranded copper wire

Insulation :V-90 PVC

Colours : Red,Black,Blue,Green/Yellow or as customer's requirement

★: " * " Use solid copper wire conductor Class 1

Electrical Properties

Temperature Range : -15 to +75°C.

Rated Voltage : 0.6/1KV.

Relevant Standard

Structure: AS/NZS 5000.1

Conductor: AS/NZS 1125

Insulation : AS/NZS 3808

Structure Feature

Cores x CSA	No./diameter of conductor	Diameter of Conductor	Nominal thickness of Insulation	Approx. overall Diameter	Pulling tension	Conducotor Resistance @20°C	Minimum Installed Bending Radius	Current Rating -single phase installation (A)		Approx. Weight
mm ²	No./mm	mm	mm	mm	KN	Ω/km	mm	Unenclosed Spaced	Buried Direct	kg/km
1*	1/1.13	1.13	0.8	2.7	0.07	18.1	10	11	16	16
1	7/0.4	1.2	0.8	2.8	0.07	21.2	10	11	16	17
1.5	7/0.5	1.5	0.8	3.2	0.10	13.6	10	14	20	22
2.5	7/0.67	2.01	0.8	3.6	0.17	7.41	20	20	28	33
4	7/0.85	2.56	1.0	4.6	0.27	4.61	20	26	36	52
6	7/1.04	3.09	1.0	5.1	0.41	3.08	20	34	45	72
10	7/1.35	4.0	1.0	6.0	0.68	1.83	30	47	59	112
16	7/1.70	5.0	1.0	7.0	1.1	1.15	30	62	104	170
25	7/2.14	6.1	1.2	8.5	1.7	0.727	40	87	134	263
35	7/2.54	7.1	1.2	9.6	2.4	0.524	40	100	160	357
50	7/2.96	8.4	1.4	11.2	3.4	0.387	50	125	190	507
70	14/2.54	10.0	1.4	12.8	4.8	0.268	60	155	233	696
95	19/2.52	12.0	1.6	15.2	6.5	0.193	70	185	279	944
120	19/2.84	13.0	1.6	16.7	8.2	0.153	70	220	317	1174
150	37/2.25	14.9	1.8	18.5	10.2	0.124	80	250	356	1471
185	37/2.52	16.5	2.0	20.5	12.6	0.0991	90	285	402	1814