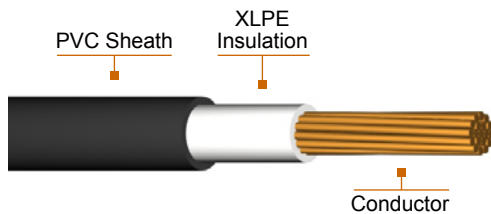


0.6/1 kV XLPE Insulated PVC Jacketed Power Cable (Single Conductor)



Detail Description or Construction

Conductor

Solid or stranded copper

Insulation

Cross-linked polyethylene

Jacket

Polyvinyl chloride (Black)

Application

For general purpose power distribution in wet or dry locations, installed in air, in conduit or duct, or directly buried.

Standards / Testing Specifications

- IEC 60502-1.

Marking

0.6/1 kV XLPE/PVC 1 x (SIZE) SQ.MM.,
PHELPS DODGE.

Installation

CV cable can be installed in air, duct, conduit or direct burial. It is recommended that the installation instructions indicated by the Local Electric Code, or any equivalent, be followed, so that the safeguarding of persons and the integrity of the product will not be affected by deficiencies in the installation.



0.6/1 kV XLPE Insulated PVC Jacketed Power Cable (Single Conductor)

Nominal Sectional Area	Number of Wires	Diameter of Conductor (approx.)	Thickness of Insulation	Thickness of Sheath	Overall Diameter (approx.)	Cable Weight (approx.)	Maximum DC Resistance of Cdr. @ 20°C	Minimum Insulation Resistance @ 15.6°C	Allowable Direct Burial @ 25°C Ground Temp.	Ampacities in Free Air @ 40°C Ambient	Standard Packing
									RHO 120		
mm ²		mm	mm	mm	mm	kg / km	Ω / km	MΩ - km	A	A	m
1.5	1	1.38	0.7	1.4	5.7	43	12.1	800	34	29	500/R
1.5	7	1.56	0.7	1.4	6	45	12.1	800	34	29	500/R
2.5	1	1.78	0.7	1.4	6.5	55	7.41	700	44	39	500/R
2.5	7	2.01	0.7	1.4	6.5	57	7.41	700	44	39	500/R
4	1	2.25	0.7	1.4	7	72	4.61	580	57	51	500/R
4	7	2.55	0.7	1.4	7	76	4.61	580	57	51	500/R
6	7	3.12	0.7	1.4	7.8	99	3.08	490	71	65	500/R
10	7	3.72	0.7	1.4	8.5	137	1.83	425	95	88	500/R
16	7	4.69	0.7	1.4	9.5	198	1.15	350	122	117	500/R
25	7	5.90	0.9	1.4	11	296	0.727	355	157	157	500/R
35	7	6.95	0.9	1.4	12	391	0.524	305	189	193	500/R
50	7	8.00	1.0	1.4	13.5	517	0.387	285	223	232	500/R
70	18	9.73	1.1	1.4	15.5	724	0.268	270	273	292	500/R
95	18	11.45	1.1	1.5	17.5	984	0.193	235	327	359	500/R
120	18	12.95	1.2	1.5	19	1,225	0.153	225	372	418	500/R
150	18	14.27	1.4	1.6	21	1,509	0.124	240	418	480	500/R
185	34	15.98	1.6	1.7	23.5	1,886	0.0991	240	474	554	500/R
240	34	18.47	1.7	1.8	26	2,454	0.0754	225	550	658	500/R
300	34	20.68	1.8	1.9	29.5	3,072	0.0601	210	622	760	500/R
400	55	23.39	2.0	2.0	33	3,908	0.0470	200	711	893	500/R
500	55	26.67	2.2	2.1	36.5	4,983	0.0366	200	807	1,034	500/R
630	55	30.00	2.4	2.2	41	6,389	0.0283	200	913	1,194	500/R

R = Packing in reel