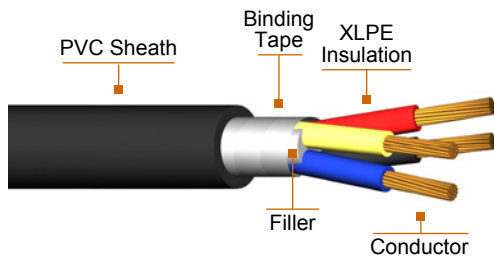


0.6/1 kV XLPE Insulated PVC Jacketed Power Cable (Four Conductors)



Detail Description or Construction

Conductor

Solid or stranded copper

Insulation

Cross-linked polyethylene

Circuit Identification

The insulation shall be red, yellow, blue, black

Filler

Polypropylene filament with lapped binding tape

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 4 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.



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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	1.8	12.0	160	12.1	800	28	22	500/R
1.5	7	1.56	0.7	1.8	12.5	172	12.1	800	28	22	500/R
2.5	1	1.78	0.7	1.8	13.0	204	7.41	700	38	29	500/R
2.5	7	2.01	0.7	1.8	13.5	213	7.41	700	38	29	500/R
4	1	2.25	0.7	1.8	14.0	271	4.61	580	50	38	500/R
4	7	2.55	0.7	1.8	14.5	285	4.61	580	50	38	500/R
6	7	3.12	0.7	1.8	16.5	379	3.08	490	63	48	500/R
10	7	3.72	0.7	1.8	17.5	537	1.83	425	84	66	500/R
16	7	4.69	0.7	1.8	20.0	785	1.15	350	109	88	500/R
25	7	5.90	0.9	1.8	24.5	1,191	0.727	355	142	119	500/R
35	7	6.95	0.9	1.8	27.0	1,585	0.524	305	171	147	500/R
50	7	8.00	1.0	1.9	31.0	2,132	0.387	285	202	177	500/R
70	18	9.73	1.1	2.1	35.5	3,022	0.268	270	247	224	500/R
95	18	11.45	1.1	2.2	40.0	4,093	0.193	235	296	275	500/R
120	18	12.95	1.2	2.3	44.0	5,120	0.153	225	337	320	500/R
150	18	14.27	1.4	2.5	49.0	6,315	0.124	240	377	366	500/R
185	34	15.98	1.6	2.7	54.5	7,904	0.0991	240	425	422	500/R
240	34	18.47	1.7	2.9	61.5	10,292	0.0754	225	489	497	500/R
300	34	20.68	1.8	3.1	69.0	12,903	0.0601	210	548	568	500/R
400	55	23.39	2.0	3.4	77.5	16,454	0.0470	200	618	658	500/R
500	55	26.67	2.2	3.7	86.5	21,017	0.0366	200	703	748	500/R
630	55	30.00	2.4	4.0	96.5	26,963	0.0283	200	791	843	500/R

R = Packing in reel