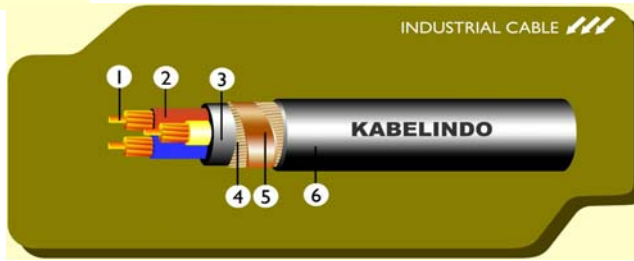


N2XCY 0.6 /1 kV

CONTROL CABLE

(Copper Conductor, XPLE Insulated, Concentric Copper Wire Screening, PVC Sheated)



- 1. Conductor : Annealed Copper wire
- 2. Insulation : Extruded XLPE
- 3. Filler : Extruded P
- 4/5. Screen : Copper wire and tape
- 6. Sheath : Extruded P

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

Spec Specification : IEC 60502 - 1 : 1997

APL Used for street and outdoor lighting house service in urban network, indoor, in duct installation or in the open where no sustain mechanical damage

Cu Conductor Shape : re = Circular Solid
rm = Circular Stranded

DCV DC Test Voltage : 8.5 kV for 5 minute

DIMENSIONAL DATA

5 CORES

SIZE	No. Of Wire and Shaped Of Conductor		Nominal Thickness		Approximately		Min. Bending Diameter	Std. Length Delivery
			Insulation	Outer Sheath	Overall Diameter	Net. Weight		
mm ²	pcs	shape	mm	mm	mm	kg / km	mm	m
1.5	1	re	0.7	1.8	14.9	297	267	1000
	7	rm			15.3	309	275	
2.5	1	re			16.0	380	287	
	7	rm			16.6	401	299	
4	1	re			17.2	495	310	
	7	rm			18	523	324	
6	1	re			18.6	638	334	
	7	rm			19.6	674	352	
10	7	rm			22.4	968	403	
16	7	rm			25.2	1370	453	
25	7	rm	0.9	1.9	29.9	1984	538	1000
					33.1	2552	596	
35	7	rm	1	2.2	37.8	3404	680	
50	19	rm			37.8	3404	680	

ELECTRICAL DATA

SIZE	DC Resistance at 20°C		Current Carrying Capacity at 30°C		Conductor Short Circuit Current Capacity at :			DC Voltage Test
	Conductor (Max.)	Insulation (Min.)	In Ground	In Air	0.1 Second	0.5 Second	1.0 Second	
mm ²	Ohm/km	M.ohm.km	A	A	kA	kA	kA	
1.5	12.1	1037	28	21	0.67	0.30	0.21	8.5 kV for 5 minutes
2.5	7.41	842	37	29	1.12	0.50	0.36	
4	4.61	701	46	39	1.80	0.80	0.57	
6	3.08	592	59	49	2.69	1.20	0.85	
10	1.83	479	78	68	4.49	2.01	1.42	
16	1.15	392	101	91	7.18	3.21	2.27	
25	0.727	400	132	119	11.23	5.02	3.55	
35	0.524	346	157	148	15.72	7.03	4.97	
50	0.387	328	187	181	22.45	10.04	7.10	

