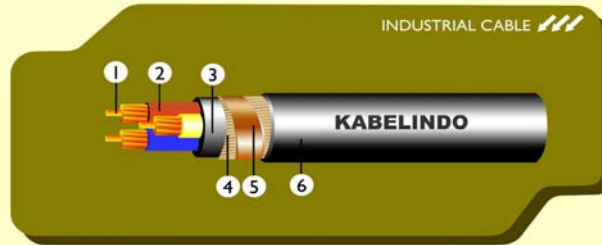


N2XCY 0.6 /1 kV

CONTROL CABLE

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



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

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

Spec Specification : IEC 60502 - 1 : 199

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

CONTROL CABLE 4 mm²

Number Of Cores	No. Of Wire and Shaped Of Conductor		Nominal Thickness		Approximately		Min. Bending Diameter	Std. Length per reel
			Insulation	Outer Sheath	Overall Diameter	Net. Weight		
pcs	pcs	shape	mm	mm	mm	kg / km	mm	m
7	1	re	0.7	1.8	18.49	611	333	1000
	7	rm			19.39	622	349	
8	1	re			19.69	679	354	
	7	rm			20.69	691	372	
10	1	re			22.12	811	398	
	7	rm			23.32	825	420	
12	1	re			22.7	905	409	
	7	rm			23.95	917	431	
14	1	re			23.64	1023	426	
	7	rm			24.97	1036	449	
16	1	re			24.66	1133	444	
	7	rm			26.07	1146	469	
19	1	re			25.75	1277	464	
	7	rm			27.25	1287	491	
21	1	re			27.15	1402	489	
	7	rm			28.75	1413	518	
24	1	re			29.58	1579	532	
	7	rm			31.58	1605	568	
30	1	re			31.3	1894	563	
	7	rm			33.23	1903	598	
40	1	re			35.21	2457	634	
	7	rm			37.61	2483	677	
52	1	re			40.58	3126	730	
	7	rm			43.39	3152	781	
61	1	re	41.67	3564	750			
	7	rm	44.57	3585	802			

ELECTRICAL DATA

Number Of Cores	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	
pcs	Ohm/km	M.ohm.km	A	A	kA	kA	kA	
7			28	25				

TABEL XPLE LOW VOLTAGE CABLE Hal 31.xls

8	4.61	700	28	25	1.80	0.80	0.57	8.5 kV for 5 minutes
10			23	21				
12			23	21				
14			21	20				
16			21	20				
19			18	17				
21			18	17				
24			18	15				
30			18	15				
40			18	13				
52			18	13				
61			13	11				