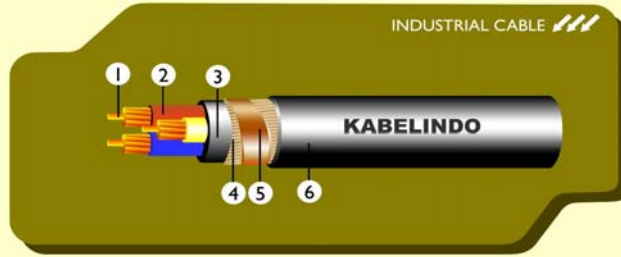


N2XCY 0.6 /1 kV

CONTROL CABLE

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



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

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

Spec Specification : IEC 60502 - 1 : 1

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

Cu Conductor Shape : re = Circular
rm = Circular Stra

DCV DC Test Voltage : 8.5 kV for 5 m

DIMENSIONAL DATA

CONTROL 1.5

Number Of Cores	No. Of Wire and Shaped Of Conductor		Nominal Thickness		Approximately		Min. Bending Diameter	Std. Length Delivery
			Insulation	Outer Sheath	Overall Diameter	Net. Weight		
pcs	pcs	shape	mm	mm	mm	kg / km	mm	m
7	1	re	0.7	1.8	16.3	387	293	1000
	7	rm			16.4	410	294	
8	1	re			17.3	419	311	
	7	rm			17.3	450	312	
10	1	re			19.2	492	346	
	7	rm			19.3	521	347	
12	1	re			19.7	533	355	
	7	rm			19.8	563	356	
14	1	re			20.5	589	369	
	7	rm			20.5	623	369	
16	1	re			21.3	641	384	
	7	rm			21.3	678	384	
19	1	re			22.2	706	400	
	7	rm			22.2	745	400	
21	1	re			23.2	760	417	
	7	rm			23.2	803	417	
24	1	re	25.2	850	453			
	7	rm	25.1	897	452			
30	1	re	26.4	981	475			
	7	rm	26.4	1035	474			
40	1	re	1.9	29.1	1209	524		
	7	rm		29.2	1288	526		
52	1	re	2	34	1555	611		
	7	rm		33.4	1604	601		
61	1	re	2.1	34.8	1738	627		
	7	rm		34.9	1846	628		

ELECTRICAL DATA

Number Of Cores	DC Resistance at 20°C		Current Carrying Capacity at 30°C		Conductor Short Circuit Current Capacity at :			DC Voltage
	Conductor	Insulation	In Ground	In Air	0.1	0.5	1.0	

TABEL XPLE LOW VOLTAGE CABLE Hal 29.xls

	(Max.)	(Min.)	In Ground	In Air	Second	Second	Second	Test
pcs	Ohm/km	M.ohm.km	A	A	kA	kA	kA	
7	12.1	1000	16	11	2.69	1.20	0.85	8.5 kV for 5 minutes
8			16	11				
10			14	10				
12			14	10				
14			11	9				
16			11	9				
19			10	8				
21			10	8				
24			9	7				
30			9	7				
40			8	6				
52			8	6				
61			7	5				