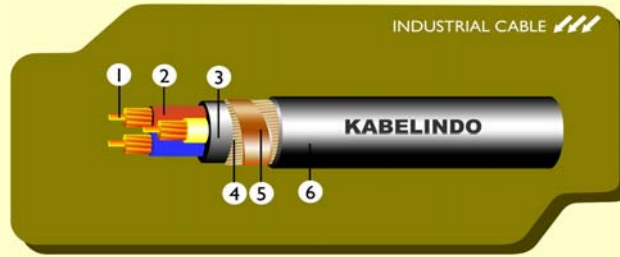


N2XCY 0.6 /1 kV

CONTROL CABLE

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



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

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

CONTROL CABLE 2.5 mm²

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	17.1	453	308	1000
	7	rm			17.8	473	321	
8	1	re			18.2	501	327	
	7	rm			19	524	341	
10	1	re			20.3	586	365	
	7	rm			21.2	621	382	
12	1	re			20.8	645	374	
	7	rm			21.8	683	392	
14	1	re			21.6	722	389	
	7	rm			22.7	767	408	
16	1	re			22.5	794	405	
	7	rm			23.6	844	425	
19	1	re			23.5	886	422	
	7	rm			24.7	941	444	
21	1	re			24.5	960	441	
	7	rm			25.8	1019	464	
24	1	re	26.6	1077	479			
	7	rm	28.3	1158	509			
30	1	re	28.2	1281	507			
	7	rm	29.7	1361	534			
40	1	re	31.2	1623	562			
	7	rm	33	1726	594			
52	1	re	36.2	2077	651			
	7	rm	38.5	2227	692			
61	1	re	37.3	2369	672			
	7	rm	39.5	2519	711			

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 30.xls

	(Max.)	(Min.)	In Ground	In Air	Second	Second	Second	Test
pcs	Ohm/km	M.ohm.km	A	A	kA	kA	kA	
7	7.41	800	22	18	1.12	0.50	0.36	8.5 kV for 5 minutes
8			22	18				
10			18	15				
12			18	15				
14			16	14				
16			16	14				
19			14	13				
21			14	13				
24			13	11				
30			13	11				
40			10	9				
52			10	9				
61			9	8				

