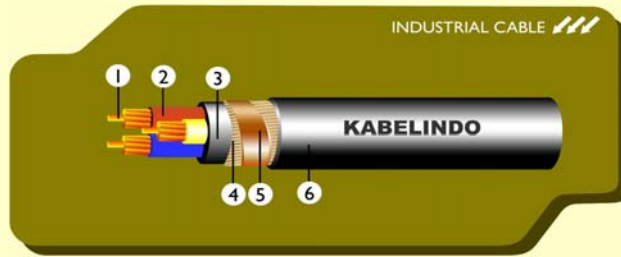


**N2XCY 0.6 /1 kV**

**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 6 mm<sup>2</sup>**

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	20	764	360	1000		
	7	rm			21.1	876	380			
8	1	re			21.4	852	385			
	7	rm			22.6	1053	407			
10	1	re			24.2	1021	435			
	7	rm			25.6	1257	462			
12	1	re			24.8	1146	447			
	7	rm			26.4	1394	474			
14	1	re			25.9	1300	466			
	7	rm			27.7	1583	499			
16	1	re			27.1	1445	487			
	7	rm			29	147	522			
19	1	re			28.5	1649	513			
	7	rm			30.4	1959	546			
21	1	re			1.9	29.9	1796		538	500
	7	rm				32	2143		577	
24	1	re	2	33.2	2073	598				
	7	rm		35.7	2467	642				
30	1	re	2	35.2	2490	633				
	7	rm		37.8	2926	680				
40	1	re	2.2	39.2	3192	705				
	7	rm		42.1	3706	757				
52	1	re	2.3	45.6	4110	821				
	7	rm		49.2	4760	886				
61	1	re	2.4	47.1	4718	847				
	7	rm		50.6	5395	911				

**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 32.xls

pcs	( Max. )	( Min. )	in Ground	in Air	Second	Second	Second	Test
	Ohm/km	M.ohm.km	A	A	kA	kA	kA	
7	3.80	600	36	32	0.67	0.30	0.21	8.5 kV for 5 minutes
8			36	32				
10			30	28				
12			30	28				
14			26	25				
16			26	25				
19			23	22				
21			23	22				
24			21	20				
30			21	20				
40			18	17				
52			18	17				
61			16	15				