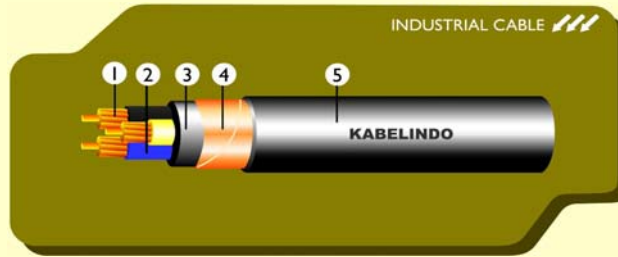


**N2XSY 0.6 /1 kV**

**CONTROL CABLE**

( Copper Conductor, XPLE Insulated, Copper Tape Screening, PVC Sheated )



- 1. Conductor : Annealed Copper wire
- 2. Insulation : Extruded XLPE
- 3. Filler : Extruded PVC
- 4. Screen : Copper Tape
- 5. Sheath : Extruded PVC

**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 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	15.51	435	279	1000
	7	rm			16.23	473	292	
8	1	re			16.56	485	298	
	7	rm			17.36	524	312	
10	1	re			18.68	581	336	
	7	rm			19.64	621	354	
12	1	re			19.19	641	345	
	7	rm			20.19	683	363	
14	1	re			20.01	721	360	
	7	rm			21.07	767	379	
16	1	re			20.90	795	376	
	7	rm			22.03	844	397	
19	1	re			21.85	889	393	
	7	rm			23.05	941	415	
21	1	re			22.90	965	412	
	7	rm			24.18	1019	435	
24	1	re			25.02	1088	450	
	7	rm			26.46	1158	476	
30	1	re			26.35	1281	474	
	7	rm			28.09	1361	506	
40	1	re	29.44	1628	530			
	7	rm	31.40	1726	565			
52	1	re	34.38	2090	619			
	7	rm	36.67	2227	660			
61	1	re	35.53	2382	640			
	7	rm	37.89	2519	682			

**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	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				