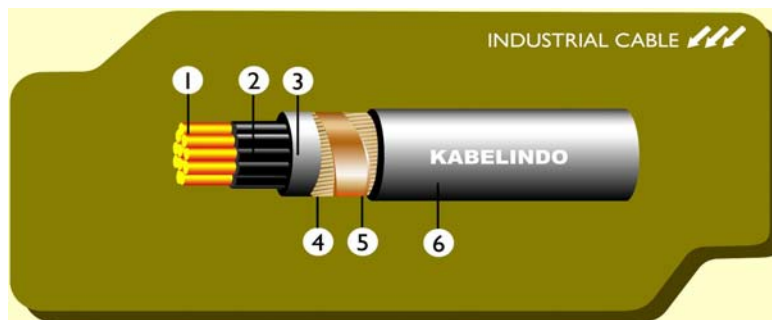


**NYCY 0.6/1 kV**

**CONTROL CABLE**

**Copper Conductor, PVC Insulated, Copper wire Screening, PVC Sheathed**



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

**PVC LOW VOLTAGE CABLE**

**TECHNICAL DATA**

Spec Specification : IEC 60502 - 1 : 1997

Cu Conductor Shape : re = Circular  
rm = Circu

APL Used for street and outdoor lighting, house services in urban network indoor in ducts installation or in the open where not sustain mechanical damage

DCV DC Test Voltage : 8,5 kV for 5

**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 per reel
			Insulation	Outer Sheath	Overall Diameter	Net. Weight		
pcs	pcs	shape	mm	mm	mm	kg/km	mm	m
7	1	re	0.8	1.8	17.51	526	315	1000
	7	rm			18.23	568	328	
8	1	re			18.62	583	335	
	7	rm			19.42	630	350	
10	1	re			20.88	694	376	
	7	rm			21.84	749	393	
12	1	re			21.42	764	386	
	7	rm			22.42	824	404	
14	1	re			22.30	856	401	
	7	rm			23.36	924	420	
16	1	re			23.24	942	418	
	7	rm			24.37	1016	439	
19	1	re			24.25	1051	437	
	7	rm			25.45	1133	458	
21	1	re			25.36	1139	456	
	7	rm			26.64	1228	480	
24	1	re	27.62	1281	497			
	7	rm	29.26	1394	527			

30	1	re	1.9	29.24	1519	526
	7	rm		30.78	1636	554
40	1	re	2.1	32.70	1938	589
	7	rm		34.46	2086	620
52	1	re	2.3	37.92	2475	683
	7	rm		40.21	2680	724
61	1	re		38.93	2796	701
	7	rm		41.29	3027	743

**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	50	23	18	1.12	0.50	0.36	8.5 kV for 5 minutes
8			21	17				
10			20	16				
12			18	15				
14			17	14				
16			17	13				
19			16	13				
21			15	12				
24			14	11				
30			14	11				
40			14	11				
52			14	11				
61			14	11				