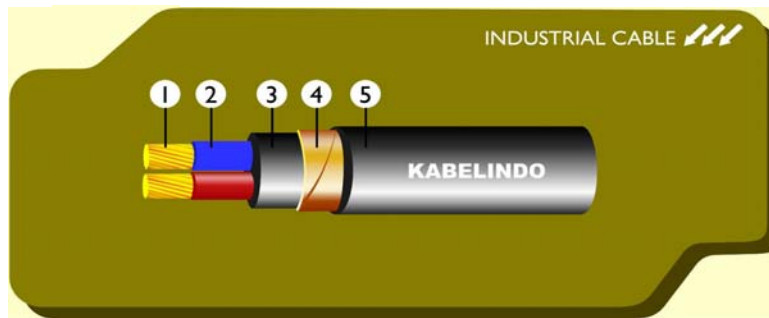


**NYSY 0.6/1 kV**

**CONTROL CABLE**

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



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

**PVC LOW VOLTAGE CABLE**

**TECHNICAL DATA**

**Spec** Specification : IEC 60502 - 1 : 1997

**Cu** Conductor Shape : re = Circular  
rm = Circular

**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 r

**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 per reel
			Insulation	Outer Sheath	Overall Diameter	Net. Weight		
pcs	pcs	shape	mm	mm	mm	kg/km	mm	m
7	1	re	1	1.8	20.2	815	364	1000
	7	rm			21.2	878	382	
8	1	re			21.7	919	391	
	7	rm			22.9	990	412	
10	1	re			24.9	1119	448	
	7	rm			26.3	1205	473	
12	1	re			25.7	1264	463	
	7	rm			27.3	1374	491	
14	1	re			26.9	1448	484	
	7	rm			28.6	1574	515	
16	1	re		28.2	1618	508		
	7	rm		30.3	1773	545		
19	1	re		1.9	29.9	1856	538	
	7	rm		31.8	2014	572		
21	1	re		2	32	2076	576	
	7	rm		34.1	2252	614		
24	1	re		2.1	35.4	2368	637	
	7	rm		37.7	2568	679		

30	1	re	2.1	37.4	2841	673	500
	7	rm		40.1	3097	722	
40	1	re	2.3	42.5	3728	765	
	7	rm		45.6	4056	821	
52	1	re	2.5	49.4	4760	889	
	7	rm		53	5174	954	
61	1	re	2.6	51	5475	918	
	7	rm		54.7	5946	985	

**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	3.08	50	37	34	2.69	1.20	0.85	8.5 kV for 5 minutes
8			35	29				
10			33	26				
12			30	25				
14			28	23				
16			27	22				
19			26	21				
21			25	20				
24			23	19				
30			23	19				
40			23	19				
52			23	19				
61			23	19				