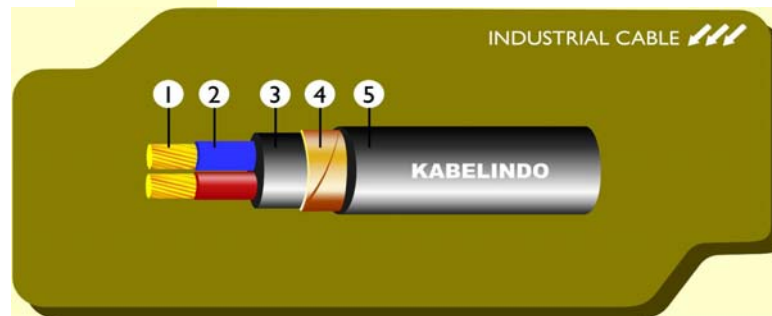


NYSY 0.6/1 kV

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

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

Cu Conductor Shape : re = Circul
rm = Circu

dcv DC Test Voltage : 8,5 kV for 5

DIMENSIONAL DATA

CONTROL CABLE 2.5 mm²

Number Of Cores	No.of wire and Diameter 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	16.1	456	290	1000
	7	rm			16.8	488	302	
8	1	re			17.2	510	310	
	7	rm			18	546	324	
10	1	re			19.4	614	349	
	7	rm			20.4	658	367	
12	1	re			20	683	360	
	7	rm			21	731	378	
14	1	re			20.8	772	374	
	7	rm			21.9	828	394	
16	1	re			21.8	855	392	
	7	rm			22.9	917	412	
19	1	re			22.8	961	410	
	7	rm			24	1030	432	
21	1	re			24.1	1057	434	
	7	rm			25.4	1134	457	
24	1	re			26.6	1206	479	
	7	rm			28	1293	504	

30	1	re			28	1427	504
	7	rm			29.5	1532	531
40	1	re		1.9	31.4	1837	565
	7	rm			33.2	1972	598
52	1	re		2.1	36.7	2360	661
	7	rm			38.8	2532	698
61	1	re		2.1	37.9	2697	682
	7	rm			40	2894	720

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				