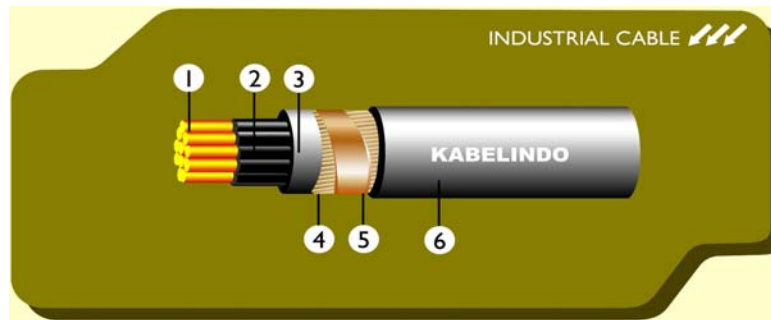


NYCY 0.6/1 kV

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

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 = Circular
rm = Circular
DCV DC Test Voltage : 8,5 kV for 5

DIMENSIONAL DATA

CONTROL CABLE

6 mm²

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	21.62	936	389	1000
	7	rm			22.73	1001	409	
8	1	re			23.18	1044	417	
	7	rm			24.42	1118	440	
10	1	re			26.36	1254	474	
	7	rm			27.84	1345	501	
12	1	re			27.12	1402	488	
	7	rm			28.86	1517	519	
14	1	re			28.55	1604	514	
	7	rm			30.19	1722	543	
16	1	re			29.88	1779	538	
	7	rm			31.82	1926	573	
19	1	re			31.50	2022	567	
	7	rm			33.35	2171	600	
21	1	re	33.46	2235	602			
	7	rm	35.64	2416	642			
24	1	re	36.84	2538	663			
	7	rm	39.26	2744	707			

30	1	re	2.2	39.03	1518	703	500
	7	rm		41.61	1641	749	
40	1	re	2.3	44.14	1971	795	
	7	rm		47.06	2129	847	
52	1	re	2.5	51.04	2500	917	
	7	rm		54.46	2700	980	
61	1	re	2.6	52.66	2860	948	
	7	rm		56.19	3089	1011	

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						

