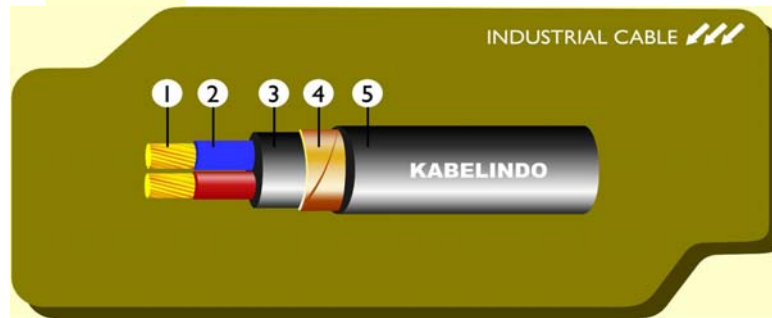


NYSY 0.6/1 kV

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 = Circular
rm = Circular

DCV DC Test Voltage : 8,5 kV for 5

DIMENSIONAL DATA

CONTROL CABLE 4 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	18.6	640	335	1000
	7	rm			19.5	686	351	
8	1	re			20	719	360	
	7	rm			21	771	378	
10	1	re			22.9	871	412	
	7	rm			24.3	935	437	
12	1	re			23.5	976	423	
	7	rm			24.8	1046	446	
14	1	re			24.6	1113	443	
	7	rm			26	1196	468	
16	1	re			25.8	1239	464	
	7	rm			27.2	1331	490	
19	1	re			27.1	1401	488	
	7	rm			28.6	1505	515	
21	1	re	28.7	1543	517			
	7	rm	30.3	1657	545			
24	1	re	32.1	1793	578			
	7	rm	33.9	1925	610			

30	1	re	2	33.9	2137	610	500
	7	rm		35.8	2295	644	
40	1	re	2.2	38.2	2761	688	
	7	rm		40.3	2966	725	
52	1	re	2.3	44.6	3546	803	
	7	rm		47.2	3808	850	
61	1	re	2.4	46	4067	828	
	7	rm		48.7	4369	877	

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	4.61	50	30	24	1.80	0.80	0.57	8.5 kV for 5 minutes
8			28	23				
10			26	21				
12			24	19				
14			23	18				
16			22	17				
19			21	17				
21			20	16				
24			20	16				
30			20	16				
40			20	16				
52			20	16				
61	20	16						