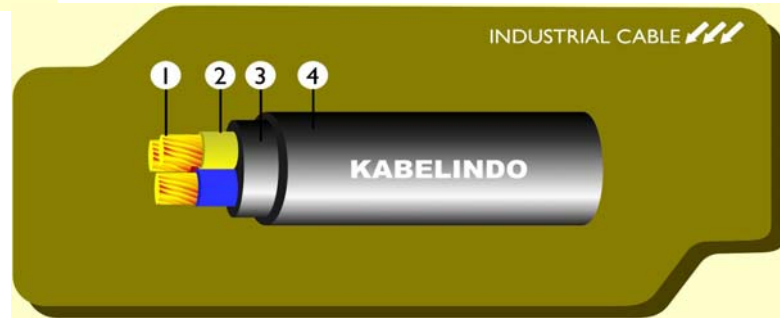


NYY 0.6/1 kV

CONTROL CABLE

Copper Conductor, PVC Insulated, PVC Sheated



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

PVC LOW VOLTAGE CABLE

TECHNICAL DATA

Spec Specification : SPLN 43 -1 : 1994,
IEC 60502 - 1 : 1997

APL Used for indoor in ducts installation or for laying in the ground where not sustain mechanical damage

Cu Conductor Shape : re = Circular
rm = Rectangular

DCV DC Test Voltage : 8,5 kV for 1000 m

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	19.9	885.8	358	1000
	7	rm			21	830.4	378	
8	1	re			21.4	1001.8	385	
	7	rm			22.7	938.2	409	
10	1	re			24.6	1226.4	443	
	7	rm			26.1	1145.2	470	
12	1	re			25.4	1402.7	457	
	7	rm			26.9	1298.8	484	
14	1	re			26.6	1617	479	
	7	rm			28.2	1495.9	508	
16	1	re			27.9	1816.7	502	
	7	rm			29.7	1676.1	535	
19	1	re			29.5	2099.5	531	
	7	rm			31.6	1926	569	
21	1	re			31.5	2332.8	567	
	7	rm			33.5	2141.7	603	
24	1	re			34.9	2664.2	628	
	7	rm			37.1	2445.5	668	
30	1	re	37.1	3247	668	2.1		

30	7	rm	2.1	39.5	2967.1	711	500
	1	re		2.3	42.2	4286	
40	7	rm	2.5		44.9	3908.5	
	1	re		2.6	49.1	5498.8	
52	7	rm	2.6		52.3	5000.9	
	1	re		50.7	6357.7	913	
61	7	rm		54	5767.4	972	

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	42	34	2.69	1.20	0.85	8.5 kV for 5 minutes
8			37	30				
10			35	29				
12			33	26				
14			30	25				
16			28	23				
19			27	22				
21			26	21				
24			25	20				
30			23	19				
40			23	19				
52			23	19				
61			23	19				