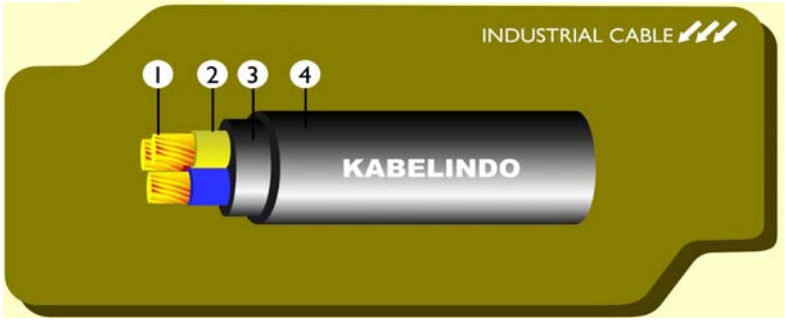
NYY 0.6/1 kV

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 = Circula
rm = Circula

DCV — DC Test Voltage : 8,5 kV for 5 r

DIMENSIONAL DATA

CONTROL CABLE 2.5 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	0.8	1.8	15.8	421.1	284	1000
	7	rm			16.5	450.6	297	
8	1	re			16.9	471.9	304	
	7	rm			17.7	505.5	319	
10	1	re			19.1	570	344	
	7	rm			20.1	611	362	
12	1	re			19.7	637	355	
	7	rm			20.7	682.6	373	
14	1	re			20.5	724.1	369	
	7	rm			21.6	777	389	
16	1	re			21.5	804.5	387	
	7	rm			22.6	863.6	407	
19	1	re			22.5	907.8	405	
	7	rm			23.6	974.1	425	
21	1	re			23.6	989.6	425	
	7	rm			24.9	1062.1	448	
24	1	re			25.9	1118.7	466	
	7	rm			27.3	1200.9	491	
30	1	re			27.3	1335.1	491	

30	7	rm			28.8	1433.7	581	
40	1	re		1.9	30.5	1718.7	549	
	7	rm			32.3	1846	587	
52	1	re		2	35.8	2220.5	644	
	7	rm			37.9	2384.1	682	
61	1	re		2.1	37	2552.9	666	
	7	rm			39.1	2741.7	704	

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	26	21	1.12	0.50	0.36	8.5 kV for 5 minutes
8			23	18				
10			21	17				
12			20	16				
14			18	15				
16			17	14				
19			17	13				
21			16	12				
24			15	11				
30			14	11				
40			14	11				
52			14	11				
61			14	11				