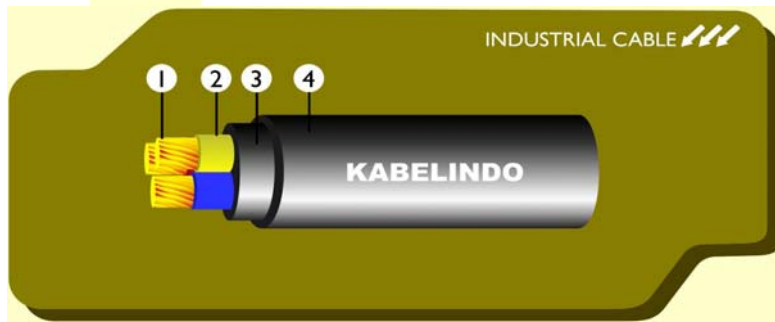


NY 0.6/1 kV

CONTROL CABLE

Copper Conductor, PVC Insulated, PVC Sheathed



- 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 = Circu
- DCV** DC Test Voltage : 8,5 kV for 5

DIMENSIONAL DATA

CONTROL CABLE 1.5 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	14.5	324.9	261	1000
	7	rm			15	341.8	270	
8	1	re			15.5	362.5	279	
	7	rm			16	381.6	288	
10	1	re			17.4	434.8	313	
	7	rm			18.1	458.1	326	
12	1	re			17.9	480.6	322	
	7	rm			18.6	506.2	335	
14	1	re			18.7	542.5	337	
	7	rm			19.5	572	351	
16	1	re			19.5	599.2	351	
	7	rm			20.3	632.1	365	
19	1	re			20.4	670.5	367	
	7	rm			21.3	707	383	
21	1	re			21.4	728.6	385	
	7	rm			22.3	768.4	401	
24	1	re			23.4	821.6	421	
	7	rm			24.4	866.6	439	
30	1	re			24.6	970.7	443	

30	7	rm			25.7	1024.2	463
	1	re			27.3	1226.8	491
40	7	rm			28.5	1294.8	513
	1	re			32	1585.7	576
52	7	rm	1.9		33.4	1673	601
	1	re			33	1815.8	594
61	7	rm	2		34.6	1916	623

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	12.1	50	17	13	0.67	0.30	0.21	8.5 kV for 5 minutes
8			16	12				
10			15	11				
12			14	11				
14			13	10				
16			12	10				
19			12	9				
21			11	9				
24			11	8				
30			11	8				
40			11	8				
52			11	8				
61			11	8				