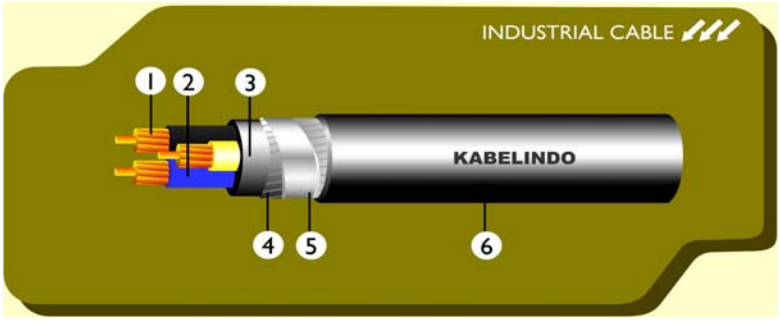
NYFGbY 0.6/1 kV

CONTROL CABLE
Copper Conductor, PVC Insulated,SWA, PVC Sheated



1. Conductor : Annealed Copper wire
2. Insulation : Extruded PVC
3. Filler : Extruded PVC
4/5. Armour : Galvanized Flat Steel and tape
6. Sheath : Extruded PVC

PVC LOW VOLTAGE CABLE

TECHNICAL DATA

Spec — Specification : SPLN 43 -2 : 1994, IEC 60502 - 1 : 1997

APL — Multicores power and control cable used for indoor and outdoor installation direct burial

Cu — Conductor Shape : re = Circular S
rm = Circular

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

DIMENSIONAL DATA

CONTROL 1.5

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	16.7	608	301	1000
	7	rm			17.2	629	310	
8	1	re			17.7	680	319	
	7	rm			18.2	704	328	
10	1	re			19.7	795	355	
	7	rm			20.3	850	365	
12	1	re			20.2	871	364	
	7	rm			20.8	902	374	
14	1	re			20.9	939	376	
	7	rm			21.7	1001	391	
16	1	re			21.8	1029	392	
	7	rm			22.5	1094	405	
19	1	re			22.6	1134	407	
	7	rm			23.5	1177	423	
21	1	re			23.6	1200	425	
	7	rm			24.5	1273	441	
24	1	re			25.6	1362	461	
	7	rm			26.6	1441	479	

30	1	re			26.8	1548	482	
	7	rm			27.9	1636	502	
40	1	re		1.9	29.7	1893	535	
	7	rm			31	1998	558	
52	1	re		2	34.4	2397	619	
	7	rm			35.8	2523	644	
61	1	re		2.1	35.5	2636	639	
	7	rm			37	2776	666	

ELECTRICAL DATA

Number of Cores	DC Resistance at 20ºC		Current Carrying Capacity at 30ºC		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 0.57	
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				