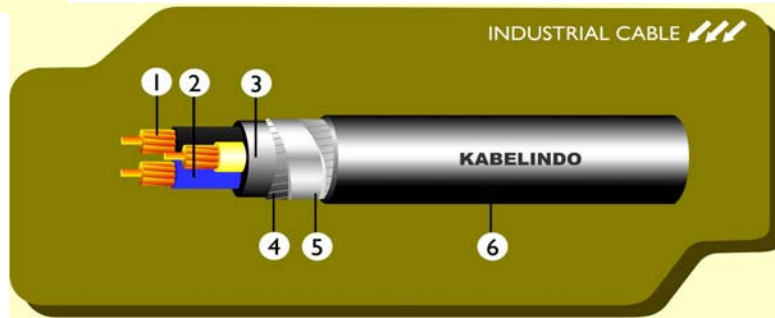


NYFGbY 0.6/1 kV

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
rm = Circular

DCV DC Test Voltage : 8,5 kV for 5

DIMENSIONAL DATA

CONTROL 2.5

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	18	740	324	1000
	7	rm			18.7	927	337	
8	1	re			19.1	827	344	
	7	rm			19.9	1018	358	
10	1	re			21.3	996	383	
	7	rm			22.3	1210	401	
12	1	re			21.9	1068	394	
	7	rm			22.9	1312	412	
14	1	re			22.7	1188	409	
	7	rm			23.8	1441	428	
16	1	re			23.7	1302	427	
	7	rm			24.8	1536	446	
19	1	re			24.7	1415	445	
	7	rm			25.9	1792	466	
21	1	re			25.8	1532	464	
	7	rm			27.1	1916	488	
24	1	re			28.1	1732	506	
	7	rm			29.5	2127	531	

30	1	re	1.9	29.7	2001	535
	7	rm		31.2	2514	562
40	1	re	2	33	2465	594
	7	rm		34.7	3310	625
52	1	re	2.1	38.2	3117	688
	7	rm		40.3	4201	725
61	1	re	2.2	39.4	3486	709
	7	rm		41.5	4596	747

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						