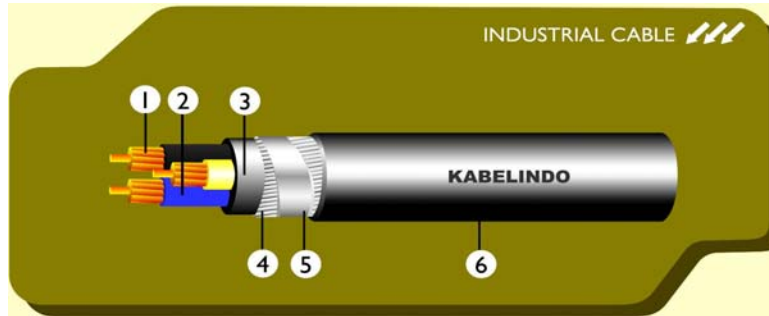


NYRgBY 0.6/1 kV

Copper Conductor, PVC Insulated,SWA, PVC Sheathed



- 1. Conductor : Annealed Copper wire
- 2. Insulation : Extruded PVC
- 3. Filler : Extruded PVC
- 4/5. Armour : Galvanized Round 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 Solid
rm = Circular Stranded

DCV DC Test Voltage : 8,5 kV for 5 minute

DIMENSIONAL DATA

5 CORES

SIZE	No.of wire and Diameter Of wire		Nominal Thickness		Approximately		Min. Bending Diameter	Std. Length per reel
			Insulation	Outer Sheath	Overall Diameter	Net. Weight		
mm ²	pcs	shape	mm	mm	mm	kg/km	mm	m
1.5	1	re	0.8	1.8	15.4	504	277	1000
	7	rm			15.9	529	286	
2.5	1	re			16.6	606	299	
	7	rm			17.2	626	310	
4	1	re	1		18.9	781	340	
	7	rm			19.7	834	355	
6	1	re			20.7	1002	373	
	7	rm			21.6	1075	389	
10	7	rm		24.4	1469	439		
16	7	rm		27.4	1928	493		
25	7	rm	1.2	1.9	32.9	2919	592	
35	7	rm		2	35.9	3618	646	
50	19	rm	1.4	2.1	42.7	5166	769	500

ELECTRICAL DATA

SIZE	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	
mm ²	Ohm/km	M.ohm.km	A	A	kA	kA	kA	8.5 kV for 5 minutes
1.5	12.1	50	24	18	0.67	0.30	0.21	
2.5	7.41		32	25	1.12	0.50	0.36	
4	4.61		41	34	1.80	0.80	0.57	
6	3.08		52	44	2.69	1.20	0.85	
10	1.83		69	60	4.49	2.01	1.42	
16	1.15	40	89	80	7.18	3.21	2.27	
25	0.727		116	105	11.23	5.02	3.55	
35	0.524		138	130	15.72	7.03	4.97	
50	0.387		30	165	160	22.45	10.04	