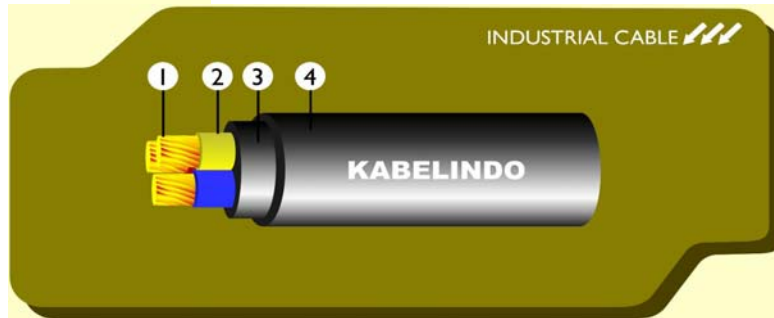


NY 0.6/1 kV

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 = Circular

DCV DC Test Voltage : 8,5 kV for 5

DIMENSIONAL DATA

5 CORES

SIZE	No. of wire and Shaped Of Conductor		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	12.8	255	230	1000
	7	rm			13.3	268	239	
2.5	1	re	14		329	252		
	7	rm	14.6		352	263		
4	1	re	1		16.3	470	293	
	7	rm			17.1	505	308	
6	1	re	1		17.7	602	319	
	7	rm			18.6	650	335	
10	7	rm	1.2		21	912	378	
16	7	rm			23.8	1279	428	
25	7	rm	1.2	28.3	1914	509		
35	7	rm		31.5	2505	567		
50	19	rm	1.4	1.9	36.4	3273	655	

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	