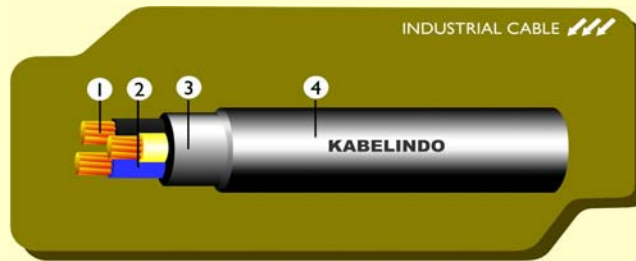


N2XY 0.6 /1 Kv

(Copper Conductor, XPLE Insulated, PVC Sheated)



- 1. Conductor : Annealed Copper wire
- 2. Insulation : Extruded XLPE
- 3. Filler : Extruded PVC
- 4. Sheath : Extruded PVC

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

Spec Specification : SPLN 43 - 6 : 1994
IEC 60502 - 1 : 1997

APL Used for indoor in ducts installation or for laying and outdoor in the ground where not sustain mechanical damage

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 Shaped Of Conductor		Nominal Thickness		Approximately		Min. Bending Diameter	Std. Length Delivery
			Insulation	Outer Sheath	Overall Diameter	Net. Weight		
mm ²	pcs	shape	mm	mm	mm	kg / km	mm	m
1.5	1	re	0.7	1.8	13.1	262.3	236	1000
	7	rm			13.5	276.7	243	
2.5	1	re			14.2	337.3	256	
	7	rm			14.8	362.2	266	
4	1	re			15.4	436.9	277	
	7	rm			16.3	471.7	293	
6	1	re			16.8	566.4	302	
	7	rm			17.8	613.8	320	
10	7	rm			20.2	872.3	364	
16	7	rm			23	1234.3	414	
25	7	rm	27.5	1861.7	495			
35	7	rm	0.9	1.9	30.7	2448.3	553	
50	19	rm			1	2	35.5	3264.3

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	0.5	1.0	
					Second	Second	Second	
mm ²	Ohm/km	M.Ohm.km	A	A	kA	kA	kA	
1.5	12.1	1037	29	23	0.67	0.30	0.21	8.5 kV for 5 minutes
2.5	7.41	842	38	32	1.12	0.50	0.36	
4	4.61	701	49	41	1.80	0.80	0.57	
6	3.08	592	60	52	2.69	1.20	0.85	
10	1.83	479	97	71	4.49	2.01	1.42	
16	1.15	392	108	96	7.18	3.21	2.27	
25	0.727	400	141	130	11.23	5.02	3.55	
35	0.524	346	170	159	15.72	7.03	4.97	
50	0.387	328	201	193	22.45	10.04	7.10	

