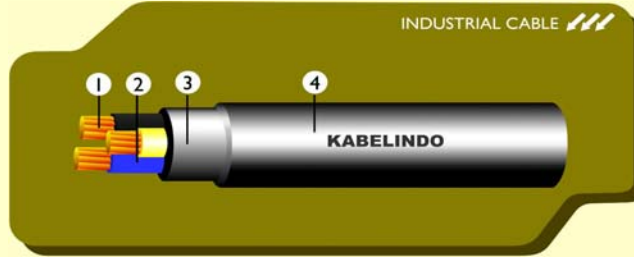


**N2XY 0.6 /1 kV**

**CONTROL CABLE**  
( 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**

**CONTROL CABLE 2.5 mm<sup>2</sup>**

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	0.7	1.8	15.3	383	276	1000
	7	rm			16	408	286	
8	1	re			16.4	429	294	
	7	rm			17.2	456	309	
10	1	re			18.5	516	333	
	7	rm			19.4	460	350	
12	1	re			19	574	342	
	7	rm			20	611	360	
14	1	re			19.8	650	357	
	7	rm			20.9	693	376	
16	1	re			20.7	721	373	
	7	rm			21.8	768	393	
19	1	re			21.7	810	390	
	7	rm			22.9	863	411	
21	1	re			22.7	882	409	
	7	rm			24	939	432	
24	1	re			24.8	996	447	
	7	rm			26.3	1061	473	
30	1	re			26.2	1183	471	
	7	rm			27.9	1274	502	
40	1	re	29.2	1518	526			
	7	rm	31	1617	558			
52	1	re	34.2	1960	615			
	7	rm	36.3	2086	653			
61	1	re	35.1	2232	632			
	7	rm	37.3	2375	671			

**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	800	24	18	1.12	0.50	0.36	8.5 kV for 5 minutes
8			23	17				
10			21	16				
12			19	15				
14			18	14				
16			17.5	13.5				
19			17	13				
21			16	12				
24			15	12				
30			15	12				
40			15	12				
52			15	12				
61			15	12				