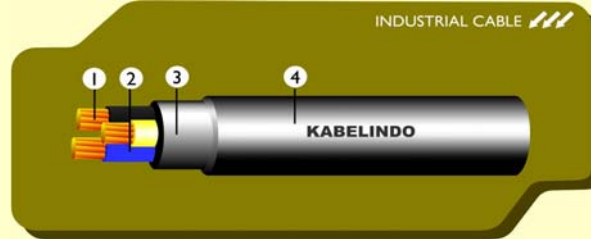


**N2XY 0.6 /1 kV**

**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 4 mm<sup>2</sup>**

Number Of Cores	No. Of Wire and Shaped Of Conductor		Nominal Thickness		Approximately		Min. Bending Diameter	Std. Length Delivery
			Insulation	Outer Sheath	Overall Diameter	Net. Weight		
pcs	pcs	shape	mm	mm	mm	kg / km	mm	m
7	1	re	0.7	1.8	16.7	506	300	1000
	7	rm			17.6	541	317	
8	1	re			17.9	569	322	
	7	rm			18.9	607	340	
10	1	re			20.3	689	366	
	7	rm			21.5	736	387	
12	1	re			20.9	775	376	
	7	rm			22.2	827	399	
14	1	re			21.8	884	393	
	7	rm			23.2	944	417	
16	1	re			22.9	985	411	
	7	rm			24.3	1052	437	
19	1	re			24	1116	431	
	7	rm			25.5	1191	458	
21	1	re			25.2	1219	453	
	7	rm			26.8	1300	482	
24	1	re			27.6	1380	496	
	7	rm			29.4	1472	529	
30	1	re			29.3	1669	527	
	7	rm			31.2	1780	562	
40	1	re	33.2	2187	598			
	7	rm	35.4	2331	637			
52	1	re	38.4	2782	691			
	7	rm	41	2963	738			
61	1	re	39.7	3203	714			
	7	rm	42.4	3412	763			

**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	4.61	700	31	22	1.80	0.80	0.57	8.5 kV for 5 minutes
8			29	21				
10			27	19				
12			25	18				
14			24	17				
16			23	16				
19			21	15				
21			20	14				
24			19	13.5				
30			19	13.5				
40			19	13.5				
52			19	13.5				
61			19	13.5				