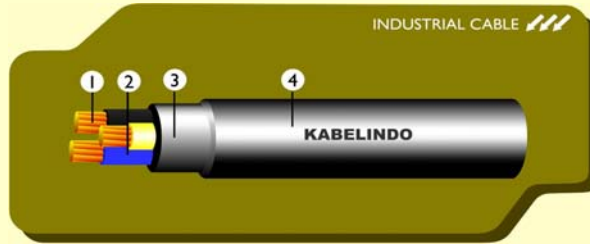


N2XY 0.6 /1 kV

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 6 mm²

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	18.2	668	328	1000
	7	rm			19.3	715	348	
8	1	re			19.6	753	353	
	7	rm			20.8	806	375	
10	1	re			22.4	917	402	
	7	rm			23.8	982	429	
12	1	re			23	1040	414	
	7	rm			24.6	1112	442	
14	1	re			24.1	1192	434	
	7	rm			25.7	1276	463	
16	1	re			25.3	1335	455	
	7	rm			27	1427	486	
19	1	re			26.5	1524	477	
	7	rm			28.4	1626	510	
21	1	re			27.9	1667	502	
	7	rm			29.8	1780	537	
24	1	re			31	1921	559	
	7	rm			33.3	2051	599	
30	1	re			33.2	2348	597	
	7	rm			35.6	2505	640	
40	1	re	37.2	3040	669			
	7	rm	39.9	3242	717			
52	1	re	43.6	3940	785			
	7	rm	46.8	4201	843			
61	1	re	45.1	4546	811			
	7	rm	48.4	4844	871			

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	3.08	600	39	30	0.67	0.30	0.21	8.5 kV for 5 minutes
8			37	29				
10			34	27				
12			31	25				
14			29	23				
16			28.5	22				
19			27	21				
21			26	20				
24			24	19				
30			24	19				
40			24	19				
52			24	19				
61			24	19				