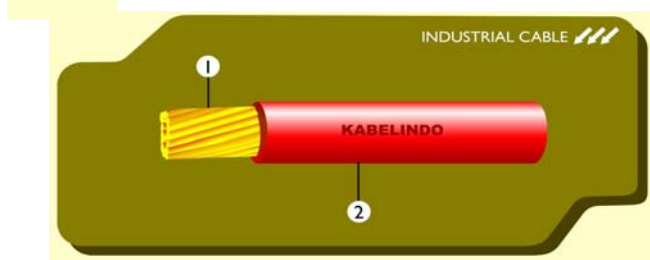


N2XA 0.6 /1 kV

(Copper Conductor, XPLE Insulated.)



- 1. Conductor : Annealed Copper wire
- 2. Insulation : Extruder

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

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

APL Used for indoor installations for wiring of apparatus panels and switch board.
Not to be used outdoors or in wet surroundings.

Cu

Conductor Shape : re = Circular Solid
rm = Circular Stranded

DCV

DC Test Voltage : 8.5 kV for 5 minute

DIMENSIONAL DATA

SINGLE CORE

SIZE	No. Of Wire and Shaped Of Conductor		Nominal Thickness Insulation	Approximately		Min. Bending Diameter	Std. Length Delivery
	pcs	shape		Overall Diameter	Net. Weight		
mm ²			mm	mm	kg / km	mm	m
1.5	1	re	0.7	2.8	17.4	50	100 / Coil
	7	rm		3	18.1	54	
2.5	1	re		3.2	27.3	58	
	7	rm		3.5	28.8	63	
4	1	re		3.7	41.1	67	
	7	rm		4	43.4	72	
6	1	re		4.2	59.9	76	
	7	rm		4.6	63.2	83	
10	7	rm		5.4	100.7	97	
16	7	rm		6.5	155.1	117	
25	7	rm	0.9	8.2	245.8	148	1000
35	7	rm		9.3	335.4	167	
50	19	rm	1	10.7	440.7	193	
70	19	rm	1.1	12.6	632	227	
95	19	rm		14.5	869.2	261	
120	37	rm	1.2	16.2	1089.3	292	
150	37	rm	1.4	18.2	1347.4	328	
185	37	rm	1.6	20.4	1688.9	367	
240	61	rm	1.7	23.1	2206.4	416	
300	61	rm	1.8	25.7	2759	463	
400	61	rm	2	28.9	3524.6	520	500
500	61	rm	2.2	32.7	4520.6	589	
630	91	rm	2.4	37	5819.5	666	

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 Pipe	0.1 Second	0.5 Second	1.0 Second	
mm ²	Ohm/km	M.Ohm.km	A	A	kA	kA	kA	
1.5	12.1	1037	27	17	0.67	0.30	0.21	8.5 kV
2.5	7.41	842	37	23	1.12	0.50	0.36	
4	4.61	701	49	29	1.80	0.80	0.57	
6	3.08	592	62	38	2.69	1.20	0.85	
10	1.83	479	85	52	4.49	2.01	1.42	
16	1.15	392	112	70	7.18	3.21	2.27	
25	0.727	400	161	95	11.23	5.02	3.55	
35	0.524	346	182	119	15.72	7.03	4.97	
50	0.387	328	226	151	22.45	10.04	7.10	

70	0.268	303	283	190	31.43	14.06	9.94	for 5 minutes
95	0.193	261	336	227	42.66	19.08	13.49	
120	0.153	253	396	271	53.89	24.10	17.04	
150	0.124	265	449	-	67.36	30.12	21.30	
185	0.0991	270	514	-	83.07	37.15	26.27	
240	0.0754	252	607	-	107.77	48.20	34.08	
300	0.0601	239	669	-	134.71	60.25	42.60	
400	0.047	235	831	-	179.62	80.33	56.80	
500	0.0366	229	950	-	224.52	100.41	71.00	
630	0.0283	220		-	282.90	126.52	89.46	