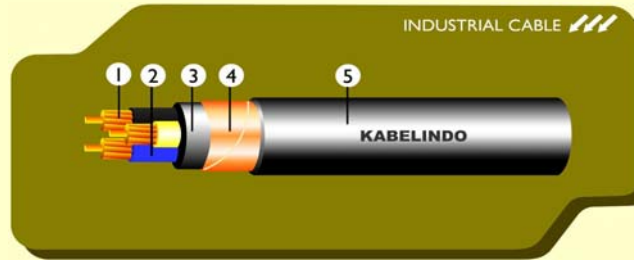


N2XSY 0.6 /1 kV

(Copper Conductor, XPLE Insulated, Copper Tape Screening, PVC Sheated)



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

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

Spec Specification : IEC 60502 - 1 : 1997

APL Used for street and outdoor lighting house service in urban network, indoor, in duct installation or in the open where no sustain mechanical damage

Cu Conductor Shape : re = Circular Solid
rm = Circular Stranded

DCV DC Test Voltage : 8.5 kV for 5 minute

DIMENSIONAL DATA

3 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	11.8	199	212	1000
	7	rm			12.1	208	218	
2.5	1	re			12.7	246	228	
	7	rm			13.2	261	237	
4	1	re			13.6	308	246	
	7	rm			14.3	328	257	
6	1	re			14.7	388	265	
	7	rm			15.5	415	280	
10	7	rm			17.4	572	314	
16	7	rm			19.7	790	354	
25	7	rm	23.3	1163	419			
35	7	rm	25.7	1506	462			
50	19	sm	1	24.6	1742	442		
70	19	sm	1.1	1.9	24	2388	433	
95	19	sm		2	31.3	3193	564	
120	37	sm	1.2	2.1	34.6	4007	622	
150	37	sm	1.4	2.2	38.2	4917	688	
185	37	sm	1.6	2.3	42.6	5995	767	
240	61	sm	1.7	2.5	48.2	7320	867	
300	61	sm	1.8	2.7	52.9	9833	952	

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 Second	0.5 Second	1.0 Second	
mm ²	Ohm/km	M.ohm.km	A	A	kA	kA	kA	8.5 kV for 5 minutes
1.5	12.1	1037	28	21	0.67	0.30	0.21	
2.5	7.41	842	37	29	1.12	0.50	0.36	
4	4.61	701	46	39	1.80	0.80	0.57	
6	3.08	592	59	49	2.69	1.20	0.85	
10	1.83	479	78	68	4.49	2.01	1.42	
16	1.15	392	101	91	7.18	3.21	2.27	
25	0.727	400	132	119	11.23	5.02	3.55	
35	0.524	346	157	148	15.72	7.03	4.97	
50	0.387	328	187	181	22.45	10.04	7.10	
70	0.268	303	233	227	31.43	14.06	9.94	
95	0.193	261	278	278	42.66	19.08	13.49	
120	0.153	253	324	324	53.89	24.10	17.04	
150	0.124	265	358	370	67.36	30.12	21.30	
185	0.0991	270	403	420	83.07	37.15	26.27	
240	0.0754	252	475	495	107.77	48.20	34.08	
300	0.0601	239	528	568	134.71	60.25	42.60	