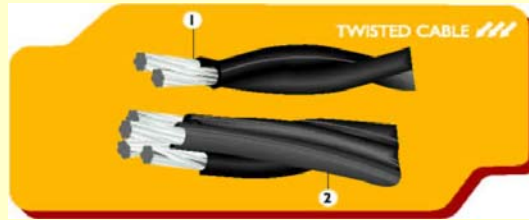


NF2X / NFA2X 0.6/1 kV

Copper or Aluminium Conductor, XLPE Insulated, Twisted Cable



- 1. Conductor : All Aluminium Conductor (AAC)
- 2. Insulation : Extruded Cross Linked Polyethylene (XLPE)

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

SPEC STD : Specification : SPLN 42 - 10 : 196

Conductor Shape : rm

APL : Used for secondary distribution and street lighting overhead low voltage cable.

DCV : DC Test Voltage : 8.5 kV for 5 minute

DIMENSIONAL DATA

2 & CORES

SIZE	No. Of Wire and Shaped Of Conductor		Nominal Insulation Thickness	Approximately			Min. Bending Radius	Std. Length Delivery	
				Overall Diameter	Net.Weight				
					Cu	Al			
mm ²	pcs	shape	mm	(mm)	kg / km		mm	mm	
6	7	rm	1.2	11.1	142.7	-	200	1000	
10				12.9	222.7	97.18	232		
16				15	343.1	141.2	270		
6				13.4	285.4	-	241		
10			1.2	15.5	445.4	194.4	279		
16				18.2	686.2	282.3	328		
25				22.1	1056.3	428.2	398		
35			1.6	25.9	-	592.7	466		

ELECTRICAL DATA

SIZE	Max.DC Resistance at 20°C			Current Carrying Capacity at 35° C		Conductor Short Circuit Current Capacity at :						DC Voltage Test
	Conductor Max.		Insulation			0.1 sec.			0.5 Sec.		1.0 Sec.	
	Cu	Al		M.Ohm.km	Cu	Al	Cu	Al	Cu	Al	kV	
mm ²	Ohm / km	Ohm / km	M.Ohm.km	A	A	Cu	Al	Cu	Al	Cu	Al	
6	3.08	-	930	54	2.69	2.69	-	1.20	-	0.85	-	8.5 kV for 5 minutes
10	1.83	3.08	760	73	54	4.49	2.91	2.01	1.30	1.42	0.92	
16	1.15	1.91	630	97	72	7.18	4.65	3.21	2.08	2.27	1.47	
6	3.08	-	930	54	-	2.69	-	1.20	-	0.85	-	
10	1.83	3.08	760	73	54	4.49	2.91	2.01	1.30	1.42	0.92	
16	1.15	1.91	630	97	72	7.18	4.65	3.21	2.08	2.27	1.47	
25	0.727	1.2	600	133	102	11.23	7.27	5.02	3.25	3.35	2.30	
35	-	0.868	580	-	125	-	10.18	-	4.55	-	3.22	