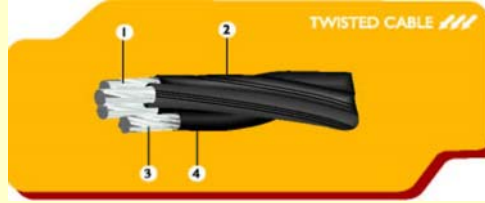


NFA2X - T 0.6/1 kV

Aluminium Conductor, XPLE Insulated, Twisted Cable with Neutral Messenger

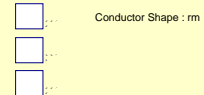


- Phase :
- 1. Conductor : All Aluminium Conductor (AAC)
 - 2. Insulation : Extruded Cross Linked Polyethylene (XLPE)
 - Messenger :
 - 3. Conductor : All Aluminium Alloy Conductor (AAAC)
 - 4. Insulation : Extruded Cross Linked Polyethylene (XLPE)

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

- SPEC STD** : Specification : SPLN 42 - 10 : 1993
- 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

Nominal Cross Section Area		Number of wire		Nominal Ins. Thickness		Min. Calculated Breaking Strength	Approximately		Min. Bending Diameter	Std. Length Delivery
phase	Neutral	phase	Neutral	phase	Neutral		Cabling Diameter	Net. Weight		
mm ²	mm ²	pcs	pcs	mm	mm	kg	mm	kg / km	mm	mm
25	25	7	7	1.4	1.4	712	19.8	322	356	1000
35	25	7	7	1.6	1.4	712	23.2	404	418	
50	35	7	7	1.6	1.6	997	26.5	551	477	
70	50	19	7	1.8	1.6	1395	31.1	746	560	
95	70	19	19	2	1.8	1932	35.8	997	644	

ELECTRICAL DATA

Nominal Cross Section Area		DC. Resistance at 20° C				Current Carrying Capacity at 35° C	Conductor Short Circuit Current Capacity at :						DC Voltage Test
phase	Neutral	Conductor Max.		Insulation Min.			0.1 sec.		0.5 Sec.		1.0 Sec.		
		Phase	Neutral	Phase	Neutral		Cu	Al	Cu	Al	Cu	Al	
mm ²	mm ²	Ohm / km		M.ohm/km		A	kA		kA		kA		kV
25	25	1.20	1.38	600	590	103	7.27	7.27	3.25	3.25	2.30	2.30	8.5 kV for 5 minutes
35	25	0.868	1.38	580	590	125	10.18	7.27	4.55	4.55	3.22	2.30	
50	35	0.641	0.986	500	580	154	14.55	10.18	6.51	6.51	4.60	3.22	
70	50	0.443	0.690	470	490	196	20.37	14.55	9.11	9.11	6.44	4.60	
95	70	0.320	0.450	450	470	242	27.64	20.37	12.36	12.36	8.74	6.44	