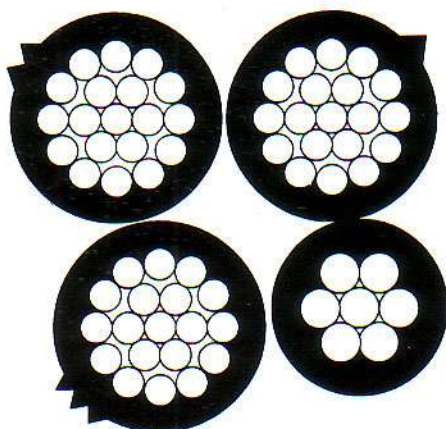


Low Voltage Aluminium Bundled Overhead Cable

Aluminium Conductor and XLPE Insulated (Twisted Cable)



Type of Cable	: NFA2X - T
Rated Voltage	: 0.6/1 kV
Specification	: SPLN 42-10 : 1993
Application	: Overhead distribution Street lighting and Service Drop Cable

Construction :

1. Conductor : Stranded Aluminium (AAC)
2. Messenger : Aluminium Alloy (AAAC)
3. Insulation : Extruded XLPE

**LOW VOLTAGE ALUMINIUM BUNDLED OVERHEAD CABLE
(TWISTED CABLE)
ALUMINIUM CONDUCTOR AND XLPE INSULATED**

Type of Cable : NFA2X-T
Rated Voltage : 0.6/1 kV

SPECIFICATION : SPLN 42-10

CONSTRUCTION

Size of Cable mm ²	Nominal Thickness of Insulation			Approx. Overall Diameter mm	Approx. Weight of Cable kg/km	Standard Length per Drum m
	Phase	Neutral / Messenger mm	Public Lighting			
2 x 25 + 1 x 25	1.4	1.4	-	20.5	324	1,000
2 x 35 + 1 x 25	1.6	1.4	-	22.8	408	1,000
2 x 50 + 1 x 35	1.6	1.6	-	25.8	526	500
2 x 70 + 1 x 50	1.8	1.6	-	30.1	736	500
2 x 95 + 1 x 70	2.0	1.8	-	35.0	1,002	500
3 x 25 + 1 x 25	1.4	1.4	-	22.9	433	1,000
3 x 35 + 1 x 25	1.6	1.4	-	25.8	558	500
3 x 50 + 1 x 35	1.6	1.6	-	29.1	714	500
3 x 70 + 1 x 50	1.8	1.6	-	34.0	1,002	500
3 x 95 + 1 x 70	2.0	1.8	-	39.5	1,364	500
3 x 25 + 1 x 25 + 2 x 16	1.4	1.4	1.2	28.4	576	500
3 x 35 + 1 x 25 + 2 x 16	1.6	1.4	1.2	30.8	702	500
3 x 50 + 1 x 35 + 2 x 16	1.6	1.6	1.2	35.2	858	500
3 x 70 + 1 x 50 + 2 x 16	1.8	1.6	1.2	40.7	1,148	500
3 x 95 + 1 x 70 + 2 x 16	2.0	1.8	1.2	47.5	1,510	500
3 x 25 + 1 x 25 + 16	1.4	1.4	1.2	25.6	504	500
3 x 35 + 1 x 25 + 16	1.6	1.4	1.2	28.2	630	500
3 x 50 + 1 x 35 + 16	1.6	1.6	1.2	32.0	786	500
3 x 70 + 1 x 50 + 16	1.8	1.6	1.2	37.2	1,076	500
3 x 95 + 1 x 70 + 16	2.0	1.8	1.2	43.3	1,438	500

CHARACTERISTICS

Size of Cable mm ²	Phase		Neutral/Messenger	Public Lighting		AC Voltage Test kV / 5 min.
	Maximum DC Conductor Resistance at 20°C ohm/km	Maximum Current Carrying Capacity in Air at 35°C A	Maximum DC Conductor Resistance at 20°C ohm/km	Maximum DC Conductor Resistance at 20°C ohm/km	Maximum Current Carrying Capacity in Air at 35°C A	
2 x 25 + 1 x 25	1.200	130	1.380	-	-	3.5
2 x 35 + 1 x 25	0.868	125	1.380	-	-	3.5
2 x 50 + 1 x 35	0.641	154	0.986	-	-	3.5
2 x 70 + 1 x 50	0.433	196	0.690	-	-	3.5
2 x 95 + 1 x 70	0.320	242	0.450	-	-	3.5
3 x 25 + 1 x 25	1.200	130	1.380	-	-	3.5
3 x 35 + 1 x 25	0.868	125	1.380	-	-	3.5
3 x 50 + 1 x 35	0.641	154	0.986	-	-	3.5
3 x 70 + 1 x 50	0.433	196	0.690	-	-	3.5
3 x 95 + 1 x 70	0.320	242	0.450	-	-	3.5
3 x 25 + 1 x 25 + 2 x 16	1.200	130	1.380	1.91	72	3.5
3 x 35 + 1 x 25 + 2 x 16	0.868	125	1.380	1.91	72	3.5
3 x 50 + 1 x 35 + 2 x 16	0.641	154	0.986	1.91	72	3.5
3 x 70 + 1 x 50 + 2 x 16	0.433	196	0.690	1.91	72	3.5
3 x 95 + 1 x 70 + 2 x 16	0.320	242	0.450	1.91	72	3.5
3 x 25 + 1 x 25 + 16	1.200	130	1.380	1.91	72	3.5
3 x 35 + 1 x 25 + 16	0.868	125	1.380	1.91	72	3.5
3 x 50 + 1 x 35 + 16	0.641	154	0.986	1.91	72	3.5
3 x 70 + 1 x 50 + 16	0.433	196	0.690	1.91	72	3.5
3 x 95 + 1 x 70 + 16	0.320	242	0.450	1.91	72	3.5