



**SUTRADO**  
KABEL

**Product** Catalogue

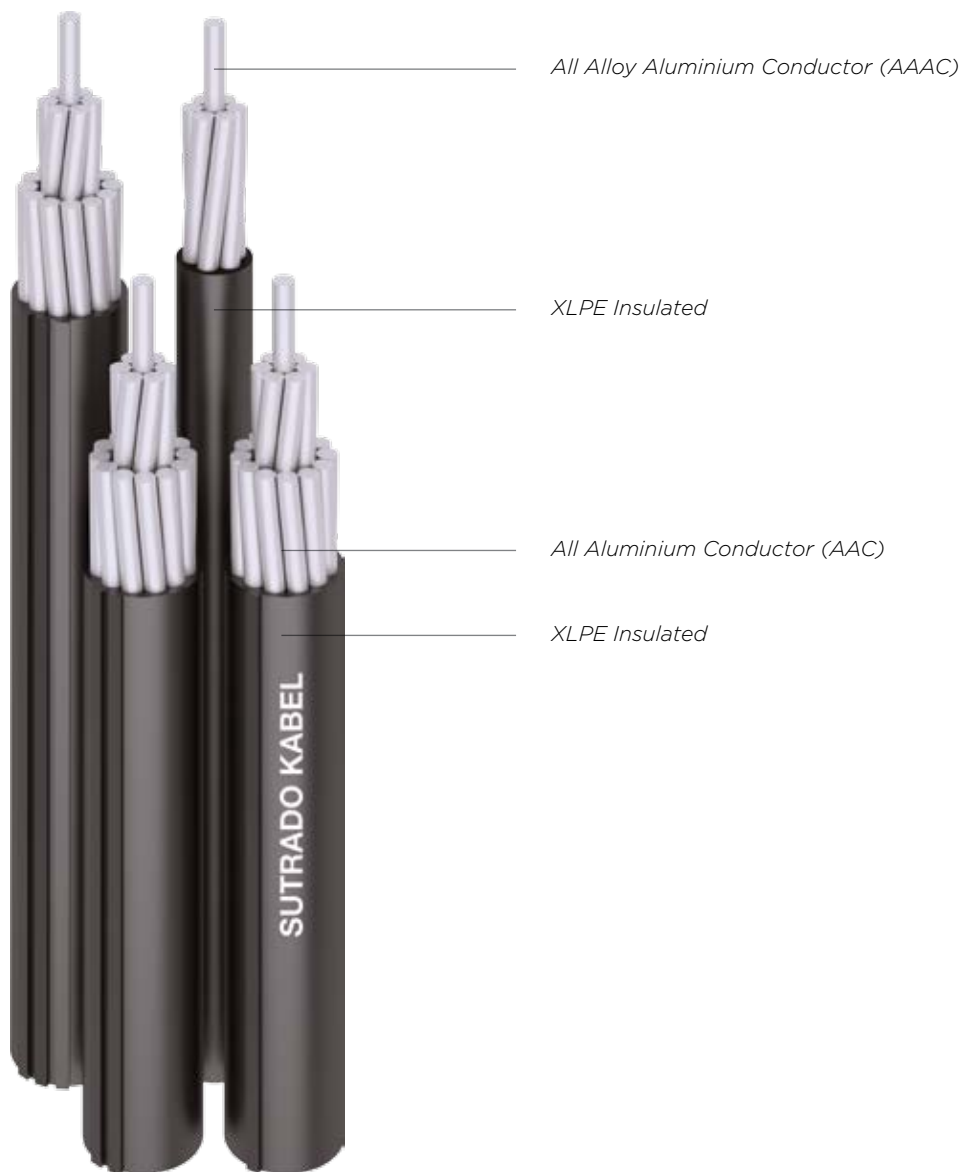


**SUTRADO**  
KABEL

**Quality**  
through excellence

# 0.6/1kV, NFA2X-T

Aerial Bundled Conductor, Twisted Cable



## Application

Bundle conductor for overhead distribution network without and with public lighting. (between pole to pole)

## Specification

SPLN 42-10 : 1993  
(Other specifications are available upon request)

## Construction

- Conductor  
Phase : Stranded All Aluminium conductor (AAC)  
Neutral/Messenger : Stranded All Alloy Aluminium Conductor (AAAC)
- Insulation  
Extrude of XLPE, capable for continous operation at maximum cable's temperature.

## Classification

Low Voltage Cable

PHYSICAL PROPERTIES								
Cable Size	Insulation Thickness			Approx Maximum Diameter			Approx. Net. Weight	Standard Length
	Phase	Neutral/Messenger	Public Lighting	Phase	Neutral/Messenger	Public Lighting		
mm <sup>2</sup>	mm	mm	mm	mm	mm	mm	kg/km	m
2x25+25	1.4	1.4	-	10.0	10.0	10.0	338	500
2x35+25	1.6	1.4	-	11.2	10.0	10.0	394	500
2x50+35	1.6	1.6	-	12.6	11.2	11.2	526	500
2x70+50	1.8	1.6	-	15.4	12.6	12.6	760	500
2x95+70	2.0	1.8	-	17.0	15.4	15.4	975	500
3x25+25	1.4	1.4	-	10.0	10.0	10.0	452	500
3x35+25	1.6	1.4	-	11.2	10.0	10.0	537	500
3x50+35	1.6	1.6	-	12.6	11.2	11.2	717	500
3x70+50	1.8	1.6	-	15.4	12.6	12.6	1,057	500
3x95+70	2.0	1.8	-	17.0	15.4	15.4	1,360	500
3x25+25+2x16	1.4	1.4	1.2	10.0	10.0	8.1	602	500
3x35+25+2x16	1.6	1.4	1.2	11.2	10.0	8.1	687	500
3x50+35+2x16	1.6	1.6	1.2	12.6	11.2	8.1	867	500
3x70+50+2x16	1.8	1.6	1.2	15.4	12.6	8.1	1,207	500
3x95+70+2x16	2.0	1.8	1.2	17.0	15.4	8.1	1,510	500
3x25+25+16	1.4	1.4	1.2	10.0	10.0	8.1	527	500
3x35+25+16	1.6	1.4	1.2	11.2	10.0	8.1	612	500
3x50+35+16	1.6	1.6	1.2	12.6	11.2	8.1	792	500
3x70+50+16	1.8	1.6	1.2	15.4	12.6	8.1	1,132	500
3x95+70+16	2.0	1.8	1.2	17.0	15.4	8.1	1,435	500

ELECTRICAL PROPERTIES								
Cable Size	Conductor Resistance at 20°C			Current Carrying Capacity at 35°C		Calculated Breaking Force	Lay Length	
	Phase	Neutral/Messenger	Public Lighting	Phase	Public Lighting		Minimum	Maximum
mm <sup>2</sup>	ohm/km	ohm/km	ohm/km	A	A	kg	cm	cm
2x25+1x25	1.200	1.380	-	103	-	712	32	65
2x35+1+25	0.868	1.380	-	125	-	712	36	73
2x50+x35	0.641	0.986	-	154	-	997	41	82
2x70+1x50	0.443	0.690	-	196	-	1,395	50	100
2x95+1x70	0.320	0.450	-	242	-	1,935	55	110
3x25+1x25	1.200	1.380	-	103	-	712	36	73
3x35+1x25	0.868	1.380	-	125	-	712	41	81
3x50+1x35	0.641	0.956	-	154	-	997	46	91
3x70+1x50	0.443	0.690	-	196	-	1,395	56	112
3x95+1x70	0.320	0.450	-	242	-	1,932	63	125
3x25+25+2x16	1.200	1.380	1.91	103	72	712	36	73
3x35+25+2x16	0.868	1.380	1.91	125	72	712	41	81
3x50+35+2x16	0.641	0.986	1.91	154	72	997	46	91
3x70+50+2x16	0.443	0.690	1.91	196	72	1,395	56	112
3x95+70+2x16	0.320	0.450	1.91	242	72	1,932	63	125
3x25+25+16	1.200	1.380	1.91	103	72	712	36	73
3x35+25+16	0.868	1.380	1.91	125	72	712	41	81
3x50+35+16	0.641	0.986	1.91	154	72	997	46	91
3x70+50+16	0.443	0.690	1.91	196	72	1,395	56	112
3x95+70+16	0.320	0.450	1.91	242	72	1,932	63	125

\*Further information about rating factor for certain cable arrangement can be found on supplementary technical information

# NF2X / NFA2X

Aerial Bundled Conductor , Twisted Cable

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## Application

Bundle conductor for overhead distribution network without and with public lighting. (between pole to pole)

## Specification

SPLN 42-10 : 1993  
(Other specifications are available upon request)

## Construction

- Conductor  
NF2X : Stranded Copper Conductor  
NFA2X : Stranded All Aluminium Conductor (AAC)
- Insulation  
Extrude of XLPE.

## Classification

Low Voltage Cable

PHYSICAL PROPERTIES					ELECTRICAL PROPERTIES		
Cable Size	Insulation Thickness	Approx. Twisted Diameter	Approx. Net. Weight	Max. Conductor Resistance at 20°C	Current Carrying Capacity at 35°C	Calculated Breaking Force	Standard Length
mm <sup>2</sup>	mm	mm	kg/km	ohm/km	A	kg	m
<b>NF2X (COPPER CONDUCTOR)</b>							
2x6 rm	1.2	13.0	136	3.080	54	394	2,000
2x10 rm	1.2	14.0	211	1.830	73	656	2,000
2x16 rm	1.2	16.0	334	1.150	97	1,051	1,000
4x6 rm	1.2	15.7	258	3.080	54	788	1,000
4x10 rm	1.2	17.0	422	1.830	73	1,312	1,000
4x16 rm	1.2	19.0	664	1.150	97	2,102	1,000
4x25 rm	1.4	24.0	1,008	0.727	133	3,284	1,000
<b>NFA2X (ALL ALUMINIUM CONDUCTOR)</b>							
2x10 rm	1.2	14.0	94	3.080	54	322	2,000
2x16 rm	1.2	16.0	138	1.910	72	515	1,000
4x10 rm	1.2	17.0	187	3.080	54	644	1,000
4x16 rm	1.2	19.0	272	1.910	72	1,030	1,000
4x25 rm	1.4	24.0	423	1.200	102	1,610	1,000
4x35 rm	1.6	27.0	564	0.868	125	2,250	1,000

\*Further information about rating factor for certain cable arrangement can be found on supplementary technical information





