NFA2X-T (2 x 25 + 25 mm² - 2 x 95 + 70 mm²) 0.6/1 kV

Al / XLPE

(Aluminium Conductor, XLPE Insulated, with Aluminium Alloy Support Messenger)

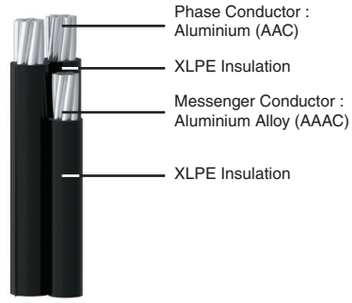
Standard Specification : SPLN 42-10:1993

Construction Data

Conductor	Approximate	
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
2x25+25	20.6	319
2x35+25	24.1	400
2x50+35	27.5	546
2x70+50	32.4	739
2x95+70	36.9	973

Application :
Twisted / bundled insulated conductors for overhead (aerial) low voltage distribution and service drop

Special Features on Request
- UV Resistance



Note :
Conductor Shaped
25 - 95 sqmm supplied in round circular stranded conductor shape

Standard Packing
25 - 95 sqmm will be supplied in wooden drum on available length
Length Tolerance per drum ± 2%

Electrical Data

Conductor					Calculated Breaking Load of Messenger	Current-Carrying Capacity at 30°C * in air	Short circuit current at 1 sec
Nom. Cross Sect. (mm²)	DC Resistance at 20°C (Ω/km)		AC Resistance at 90°C (Ω/km)		(kg)	(A)	(kA)
	Phase	Messenger	Phase	Messenger			
2x25+25	1.20	1.38	1.539	1.769	712	103	2.35
2x35+25	0.868	1.38	1.113	1.769	712	125	3.29
2x50+35	0.641	0.986	0.822	1.264	997	154	4.70
2x70+50	0.443	0.690	0.568	0.885	1395	196	6.58
2x95+70	0.320	0.450	0.410	0.577	1932	242	8.93

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

21104-02 Rev. 0. 0 / 2013

NFA2X-T (3 x 25 + 25 mm² - 3 x 95 + 70 mm²) 0.6/1 kV

Al / XLPE

(Aluminium Conductor, XLPE Insulated, with Aluminium Alloy Support Messenger)

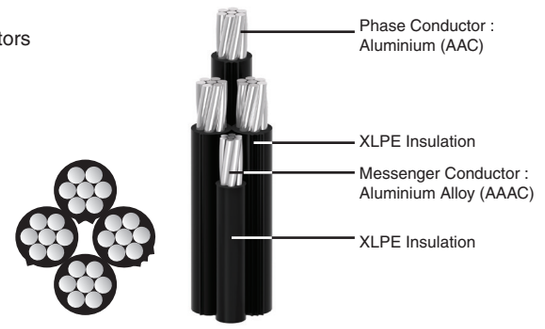
Standard Specification : SPLN 42-10:1993

Construction Data

Conductor	Approximate	
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
3x25+25	23.1	425
3x35+25	27.0	547
3x50+35	30.8	745
3x70+50	36.3	1008
3x95+70	41.3	1325

Application :
Twisted / bundled insulated conductors for overhead (aerial) low voltage distribution and service drop

Special Features on Request
- UV Resistance



Note :
Conductor Shaped
25 - 95 sqmm supplied in round circular stranded conductor shape

Standard Packing
25 - 95 sqmm will be supplied in wooden drum on available length
Length Tolerance per drum ± 2%

Electrical Data

Conductor					Calculated Breaking Load of messenger	Current-Carrying Capacity at 30°C * in air	Short circuit current at 1 sec
Nom. Cross Sect. (mm²)	DC Resistance at 20°C (Ω/km)		AC Resistance at 90°C (Ω/km)		(kg)	(A)	(kA)
	Phase	Messenger	Phase	Messenger			
3x25+25	1.20	1.38	1.539	1.769	712	103	2.35
3x35+25	0.868	1.38	1.113	1.769	712	125	3.29
3x50+35	0.641	0.986	0.822	1.264	997	154	4.70
3x70+50	0.443	0.690	0.568	0.885	1395	196	6.58
3x95+70	0.320	0.450	0.410	0.577	1932	242	8.93

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

21104-03 Rev. 0. 0 / 2013

NFA2X-T (3 x 25 + 25 +16 mm² - 3 x 95 + 70 + 16 mm²) 0.6/1 kV

Al / XLPE

(Aluminium Conductor, XLPE Insulated, with Aluminium Alloy Support - Messenger and Public Lighting)

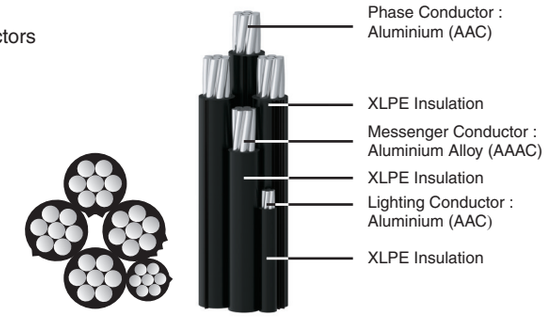
Standard Specification : SPLN 42-10:1993

Construction Data

Conductor	Approximate	
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
3x25+25+16	25.8	495
3x35+25+16	30.2	618
3x50+35+16	34.4	816
3x70+50+16	40.6	1079
3x95+70+16	46.2	1395

Application :
Twisted / bundled insulated conductors for overhead (aerial) low voltage distribution and service drop

Special Features on Request
- UV Resistance



Note :
Conductor Shaped
16 - 95 sqmm supplied in round circular stranded conductor shape

Standard Packing
25 - 95 sqmm will be supplied in wooden drum on available length
Length Tolerance per drum ± 2%

Electrical Data

Conductor							Calculated Breaking Load of Messenger	Current-Carrying Capacity at 30°C * in air		Short circuit current at 1 sec
Nom. Cross Sect. (mm²)	DC Resistance at 20°C (Ω/km)			AC Resistance at 90°C (Ω/km)						
	Phase	Messenger	Lighting	Phase	Messenger	Lighting	(kg)	Phase (A)	Lighting (A)	(kA)
3x25+25+16	1.20	1.38	1.91	1.539	1.769	2.449	712	103	72	2.35
3x35+25+16	0.868	1.38	1.91	1.113	1.769	2.449	712	125	72	3.29
3x50+35+16	0.641	0.986	1.91	0.822	1.264	2.449	997	154	72	4.70
3x70+50+16	0.443	0.690	1.91	0.568	0.885	2.449	1395	196	72	6.58
3x95+70+16	0.320	0.450	1.91	0.410	0.577	2.449	1932	242	72	8.93

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

21104-04 Rev. 0. 0 / 2013

NFA2X-T (3x25+25+2x16mm² - 3x95+70+2x16mm²) 0.6/1 kV

NFA2X-T (3 x 25 + 25 + 2 x 16 mm² - 3 x 95 + 70 + 2 x 16 mm²) 0.6/1kV

Al / XLPE

(Aluminium Conductor, XLPE Insulated, with Aluminium Alloy Support - Messenger and Public Lighting)

Standard Specification : SPLN 42-10:1993

Construction Data

Conductor	Approximate	
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm²	mm	kg/km
3x25+25+2x16	28.7	540
3x35+25+2x16	33.6	662
3x50+35+2x16	38.3	860
3x70+50+2x16	45.1	1123
3x95+70+2x16	51.3	1440

Application :
Twisted / bundled insulated conductors for overhead (aerial) low voltage distribution and service drop

Special Features on Request
- UV Resistance

Note :
Conductor Shaped
16 - 95 sqmm supplied in round circular stranded conductor shape

Standard Packing
25 - 95 sqmm will be supplied in wooden drum on available length
Length Tolerance per drum ± 2%

Electrical Data

Conductor							Calculated Breaking Load of Messenger	Current-Carrying Capacity at 30°C * in air		Short circuit current at 1 sec
Nom. Cross Sect. (mm²)	DC Resistance at 20°C (Ω/km)			AC Resistance at 90°C (Ω/km)						
	Phase	Messenger	Lighting	Phase	Messenger	Lighting	(kg)	Phase (A)	Lighting (A)	(kA)
3x25+25+2x16	1.20	1.38	1.91	1.539	1.769	2.449	712	103	72	2.35
3x35+25+2x16	0.868	1.38	1.91	1.113	1.769	2.449	712	125	72	3.29
3x50+35+2x16	0.641	0.986	1.91	0.822	1.264	2.449	997	154	72	4.70
3x70+50+2x16	0.443	0.690	1.91	0.568	0.885	2.449	1395	196	72	6.58
3x95+70+2x16	0.320	0.450	1.91	0.410	0.577	2.449	1932	242	72	8.93

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

21104-05 Rev. 0. 0 / 2013