

NFA2XSY-T (3 x 50/16 + 50 mm² - 3 x 240/25 + 50 mm²) 12/20 kV

AI / XLPE / CWS / PVC

(Aluminium Conductor, XLPE Insulated, Copper Wire Screened, PVC Sheathed,
with Galvanized Steel Support Messenger)

Standard Specification : SPLN 43-5-2 : 1995

Construction Data

Conductor		Approximate	
Nom. Cross Section Area	Overall Diameter	Cable Weight	
mm ²	approx. mm	approx. kg/km	
3 x 50/16 + 50	65.8	3208	
3 x 70/16 + 50	69.6	3549	
3 x 95/16 + 50	73.2	3935	
3 x 120/16 + 50	76.3	4273	
3 x 150/25 + 50	79.1	4827	
3 x 185/25 + 50	84.0	5384	
3 x 240/25 + 50	88.4	6008	

Application :

For installation outdoors, in air
if no mechanical damage is likely to occur.

Special Features on Request

- Flame Retardant Cat A, B, C
- UV Resistance
- Anti Termite
- Anti Rodent
- Low Smoke Zero Halogen

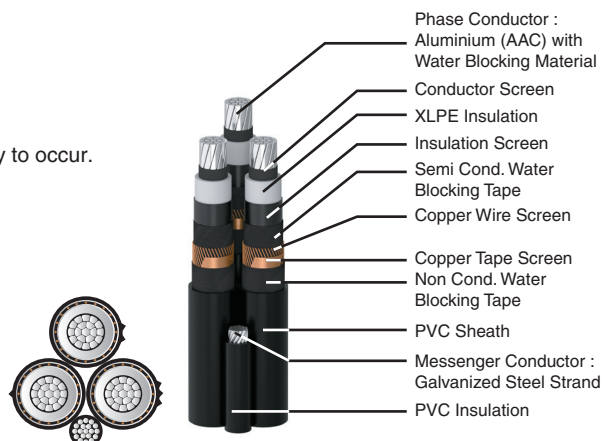
Note :

Conductor Shaped

50 - 240 sqmm supplied in compacted circular stranded conductor shape

Standard Packing :

50 - 240 sqmm will be supplied in wooden drum on available length
Length Tolerance per drum $\pm 2\%$



Electrical Data

Conductor			Calculated Breaking Load of messenger (kg)	Current-Carrying Capacity at 30°C * in air (A)	Short circuit current at 1 sec of	
Nom. Cross Sect. (mm ²)	DC Resistance at 20°C (Ω/km)	AC Resistance at 90°C (Ω/km)			Conductor (kA)	Screen (kA)
3 x 50/16 + 50	0.641	0.822	6600	196	4.70	1.60
3 x 70/16 + 50	0.443	0.568	6600	245	6.58	1.60
3 x 95/16 + 50	0.320	0.411	6600	297	8.93	1.60
3 x 120/16 + 50	0.253	0.325	6600	343	11.28	1.60
3 x 150/25 + 50	0.206	0.265	6600	387	14.10	2.50
3 x 185/25 + 50	0.164	0.211	6600	448	17.39	2.50
3 x 240/25 + 50	0.125	0.161	6600	527	22.56	2.50

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

NFA2XSY-T (3 x 50/16 + 95 mm² - 3 x 240/25 + 95 mm²) 12/20 kV

AI / XLPE / CWS / PVC

(Aluminium Conductor, XLPE Insulated, Copper Wire Screened, PVC Sheathed, with Galvanized Steel Support Messenger)

Standard Specification : SPLN 43-5-2 : 1995

Construction Data

Conductor	Approximate	
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
3 x 50/16 + 95	65.8	3540
3 x 70/16 + 95	69.6	3884
3 x 95/16 + 95	73.2	4262
3 x 120/16 + 95	76.3	4601
3 x 150/25 + 95	79.1	5182
3 x 185/25 + 95	84.0	5661
3 x 240/25 + 95	88.4	6319

Application :

For installation outdoors, in air if no mechanical damage is likely to occur.

Special Features on Request

- Flame Retardant Cat A, B, C
- UV Resistance
- Anti Termite
- Anti Rodent
- Low Smoke Zero Halogen

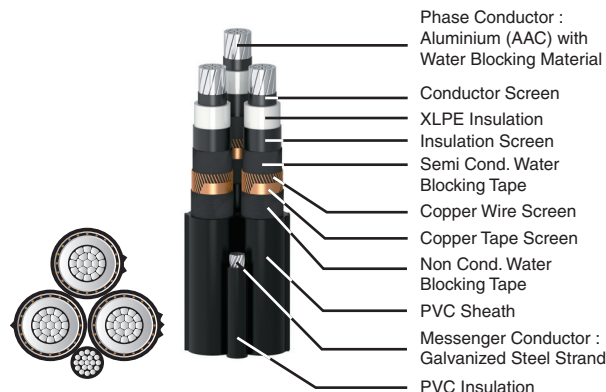
Note :

Conductor Shaped

50 - 240 sqmm supplied in compacted circular stranded conductor shape

Standard Packing

50 - 240 sqmm will be supplied in wooden drum on available length
Length Tolerance per drum $\pm 2\%$



Electrical Data

Conductor			Calculated Breaking Load of messenger (kg)	Current-Carrying Capacity at 30°C * in air (A)	Short circuit current at 1 sec of	
Nom. Cross Sect. (mm ²)	DC Resistance at 20°C (Ω/km)	AC Resistance at 90°C (Ω/km)			Conductor (kA)	Screen (kA)
3 x 50/16 + 95	0.641	0.822	12161	196	4.70	1.60
3 x 70/16 + 95	0.443	0.568	12161	245	6.58	1.60
3 x 95/16 + 95	0.320	0.411	12161	297	8.93	1.60
3 x 120/16 + 95	0.253	0.325	12161	343	11.28	1.60
3 x 150/25 + 95	0.206	0.265	12161	387	14.10	2.50
3 x 185/25 + 95	0.164	0.211	12161	448	17.39	2.50
3 x 240/25 + 95	0.125	0.161	12161	527	22.56	2.50

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