

NF2XSY (3 x 35/16 mm² - 3 x 300/25 mm²) 12/20 kV

Cu / XLPE / CWS / PVC

(Copper Conductor, XLPE Insulated, Copper Wire Screened, PVC Sheathed)

Standard Specification : SPLN 43-5-1 : 1995

Construction Data

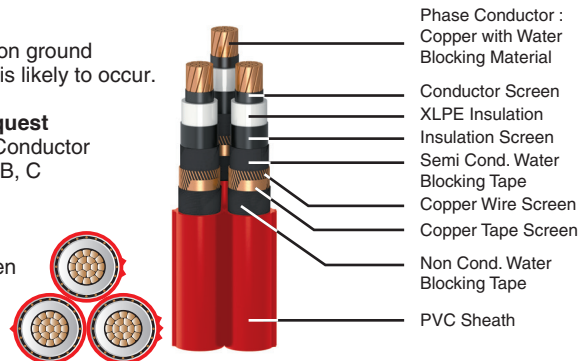
Conductor	Approximate	
Nom. Cross Section Area	Overall Diameter	Cable Weight
	approx.	approx.
mm ²	mm	kg/km
3 x 35/16	65.8	3414
3 x 50/16	68.0	3845
3 x 70/16	71.9	4594
3 x 95/16	75.2	5463
3 x 120/16	78.6	6246
3 x 150/25	84.7	7686
3 x 185/25	88.3	8847
3 x 240/25	93.5	10648
3 x 300/25	100.4	12791

Application :

For installation outdoors, on ground if no mechanical damage is likely to occur.

Special Features on Request

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



Note :

Conductor Shaped

35 - 300 sqmm supplied in compacted circular stranded conductor shape

Tinned Coated Copper Conductor

Electrical properties for tinned coated copper conductor will be submitted upon request

Standard Packing

Length 35 - 300 sqmm will be supplied in wooden drum on available length

Length Tolerance per drum $\pm 2\%$

Electrical Data

Conductor			Current-Carrying Capacity at 30°C		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)	in air (A)	in ground (A)	Conductor (kA)	Screen (kA)
3 x 35/16	0.524	0.668	213	186	5.01	1.60
3 x 50/16	0.387	0.494	254	219	7.15	1.60
3 x 70/16	0.268	0.342	316	268	10.01	1.60
3 x 95/16	0.193	0.247	383	321	13.59	1.60
3 x 120/16	0.153	0.196	442	365	17.16	1.60
3 x 150/25	0.124	0.159	502	410	21.45	2.50
3 x 185/25	0.0991	0.128	575	464	26.46	2.50
3 x 240/25	0.0754	0.0978	696	543	34.32	2.50
3 x 300/25	0.0601	0.0786	784	607	42.90	2.50

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