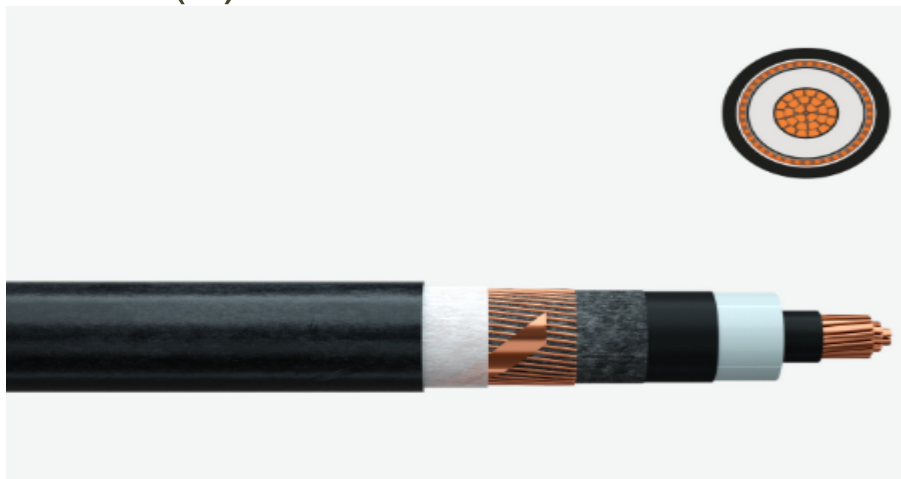


N2XS(F)2Y



Construction

- Class 2 stranded copper conductor
- Inner layer of semi-conducting material
- XLPE (Cross-linked Polyethylene) insulation
- Outer layer of semi-conducting material
- copper wire screen
- Swellable tape
- Outer sheath: PE , Black

Applications

N2XS(F)2Y Cable is widely used in underground laying, humid environments, industrial facilities, power networks and wind power generation to be sure of the stability and safety of power transmission.

Standards

- DIN VDE 0276-620
- HD 620
- EN 60228
- IEC 60502-2

Specification

Maximum Conductor Temperature:	90
Max. temperature during short circuit($\leq 5S$)	250
Minimum Bending Radius	15x

Technical Data

Voltage Rating	Number of cores and nominal cross section (mm ²)	Copper figure (kg/km)	Overall diameter appr. (mm)	Overall diameter max. value appr. (mm)	Weight appr. (kg/km)	Current carrying capacity ground (A)	Current carrying capacity air (A)
6 / 10 kV	1 x 35 RM/16	540	23	28	820	187	197
6 / 10 kV	1 x 50 RM/16	690	24	29	960	220	236
6 / 10 kV	1 x 70 RM/16	890	26	31	1,200.00	268	294
6 / 10 kV	1 x 95 RM/16	1,140.00	27	32	1,450.00	320	358
6 / 10 kV	1 x 120 RM/16	1,390.00	29	34	1,700.00	363	413
6 / 10 kV	1 x 150 RM/25	1,795.00	30	35	2,000.00	405	468
6 / 10 kV	1 x 185 RM/25	2,145.00	32	37	2,350.00	456	535
6 / 10 kV	1 x 240 RM/25	2,695.00	34	39	2,900.00	526	631
6 / 10 kV	1 x 300 RM/25	3,295.00	36	41	3,550.00	591	722
6 / 10 kV	1 x 400 RM/35	4,410.00	40	45	4,500.00	662	827
6 / 10 kV	1 x 500 RM/35	5,410.00	43	48	5,550.00	744	949
12 / 20 kV	1 x 50 RM/16	690	28	33	1,150.00	222	239
12 / 20 kV	1 x 70 RM/16	890	30	35	1,350.00	271	297
12 / 20 kV	1 x 95 RM/16	1,140.00	31	36	1,600.00	320	361
12 / 20 kV	1 x 120 RM/16	1,390.00	33	38	1,850.00	367	416
12 / 20 kV	1 x 150 RM/25	1,795.00	34	39	2,250.00	409	470
12 / 20 kV	1 x 185 RM/25	2,145.00	36	41	2,600.00	461	538
12 / 20 kV	1 x 240 RM/25	2,695.00	39	44	3,150.00	532	634
12 / 20 kV	1 x 300 RM/25	3,295.00	41	46	3,800.00	599	724
12 / 20 kV	1 x 400 RM/35	4,410.00	44	49	4,750.00	671	829
12 / 20 kV	1 x 500 RM/25	5,410.00	47	52	6,450.00	750	927
18 / 30 kV	1 x 50 RM/16	690	33	38	1,350.00	225	241
18 / 30 kV	1 x 95 RM/16	1,140.00	36	41	1,900.00	327	363
18 / 30 kV	1 x 120 RM/16	1,390.00	38	43	2,200.00	371	418
18 / 30 kV	1 x 150 RM/25	1,795.00	39	44	2,550.00	414	472
18 / 30 kV	1 x 185 RM/25	2,145.00	41	46	2,950.00	466	539
18 / 30 kV	1 x 240 RM/25	2,695.00	43	48	3,500.00	539	635
18 / 30 kV	1 x 300 RM/25	3,295.00	46	51	4,150.00	606	725
18 / 30 kV	1 x 400 RM/25	4,410.00	49	54	5,050.00	680	831
18 / 30 kV	1 x 500 RM/35	5,410.00	52	57	6,200.00	765	953