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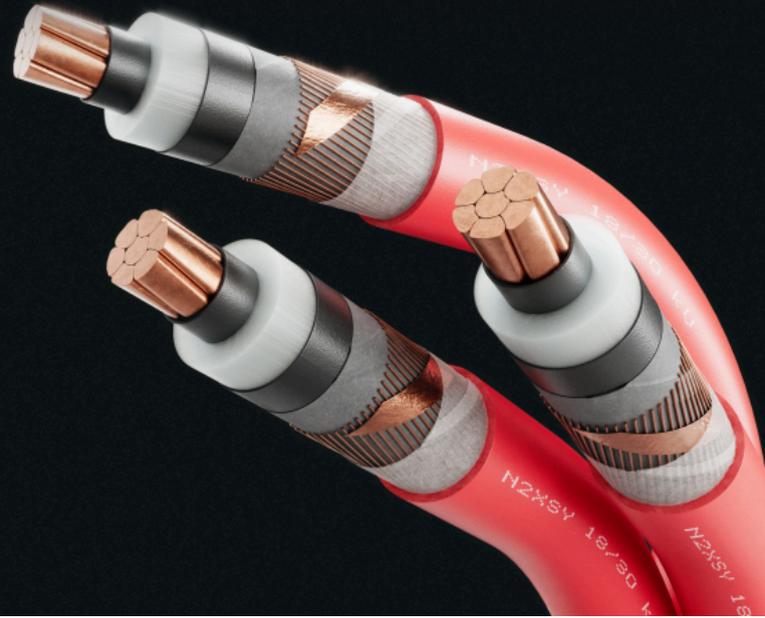


## N2XSY 18/30 kV

XLPE/PVC medium voltage underground cable, single core

COPPER - VDE

For fix installation in ground, in indoors, ground and in cable ducts for industry and distribution networks in accordance with the applicable installation regulations.



### TECHNICAL DATA



**Standard**  
DIN VDE 0276-620



**Certificate**  
VDE Germany



**Test Voltage**  
48 kV



**Rated Voltage**  
18/30 kV (U<sub>0</sub>/U)



**Bending radius (min.)**  
15 x  $\varnothing$  of cable



**Fire properties**  
EN 60332-1-2: flame retardant



**Temperature range**  
Laying temperature: min. -5°C  
Operating temperature: -20°C up to 80°C  
Conductor temperature: max. 90°C  
Short circuit temperature: max. 250°C

### DESIGN



Number of cores x nominal cross-section / cross-section of screen (mm <sup>2</sup> )	Mutual capacitance (nF/km)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
1 x 50 RM / 16	0.14	0.387	225	241	35.0	1350	500 T, 1000 T
1 x 70 RM / 16	0.15	0.268	274	299	37.0	1550	500 T, 1000 T
1 x 95 RM / 16	0.17	0.193	327	363	39.0	1900	500 T, 1000 T
1 x 120 RM / 16	0.18	0.153	371	418	40.0	2350	500 T, 1000 T
1 x 150 RM / 25	0.19	0.124	414	472	41.0	2650	500 T, 1000 T
1 x 185 RM / 25	0.21	0.099	466	539	43.0	2950	500 T, 1000 T
1 x 240 RM / 25	0.23	0.075	539	635	45.0	3700	500 T, 1000 T
1 x 300 RM / 25	0.25	0.060	606	725	48.0	4150	500 T, 1000 T
1 x 400 RM / 35	0.27	0.047	680	831	51.0	5050	500 T, 1000 T
1 x 500 RM / 35	0.3	0.037	765	953	54.0	6200	500 T, 1000 T

**CONTACT PERSON**

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