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N2XSY 6/10 kV

XLPE/PVC medium voltage underground cable, single core

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
18 kV / 50 Hz



Rated Voltage
12/20 kV (U₀/U)



Bending radius (min.)
15 x Ø of cable

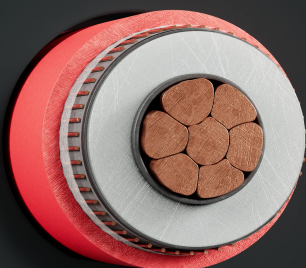


Fire properties
EN 60332-1-2: flame retardant



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 ²)	Mutual capacitance max (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 35 RM / 16	0.24	0.524	187	197	25	900	500 D, 1000 D
1 x 50 RM / 16	0.26	0.387	220	236	26	950	500 D, 1000 D
1 x 70 RM / 16	0.3	0.268	268	294	28	1300	500 D, 1000 D
1 x 95 RM / 16	0.31	0.193	320	358	29	1600	500 D, 1000 D
1 x 120 RM / 16	0.34	0.153	363	413	31	1850	500 D, 1000 D
1 x 150 RM / 25	0.39	0.124	405	468	32	2200	500 D, 1000 D
1 x 185 RM / 25	0.42	0.0991	456	535	33	2450	500 D, 1000 D
1 x 240 RM / 25	0.47	0.0754	526	631	36	3150	500 D, 1000 D
1 x 300 RM / 25	0.51	0.0601	591	722	38	3750	500 D, 1000 D
1 x 400 RM / 35	0.57	0.047	662	827	42	4650	500 D, 1000 D
1 x 500 RM / 35	0.63	0.0366	744	949	45	5750	500 D, 1000 D

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