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MEDIUM VOLTAGE CABLES 10 – 30 KV

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
6/10 kV (Uo/U)

Bending radius (min.)
15 x Ø of cable

Fire properties
EN 60332-1-2: self-extinguishing and 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



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Number of cores x nominal cross-section / cross-section of screen (mm²)	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 length-s/packing (m)
1 x 35 RM / 16	0.24	0.524	187	197	25.0	900	500 D, 1000 D
1 x 50 RM / 16	0.26	0.387	220	236	26.0	950	500 D, 1000 D
1 x 70 RM / 16	0.3	0.268	268	294	28.0	1300	500 D, 1000 D
1 x 95 RM / 16	0.31	0.193	320	358	29.0	1600	500 D, 1000 D
1 x 120 RM / 16	0.34	0.153	363	413	31.0	1850	500 D, 1000 D
1 x 150 RM / 25	0.39	0.124	405	468	32.0	2200	500 D, 1000 D
1 x 185 RM / 25	0.42	0.099	456	535	33.0	2450	500 D, 1000 D
1 x 240 RM / 25	0.47	0.075	526	631	36.0	3150	500 D, 1000 D
1 x 300 RM / 25	0.51	0.060	591	722	38.0	3750	500 D, 1000 D
1 x 400 RM / 35	0.57	0.047	662	827	42.0	4650	500 D, 1000 D
1 x 500 RM / 35	0.63	0.037	744	949	45.0	5750	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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