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MEDIUM VOLTAGE CABLES 10 – 30 KV

N2XSY 18/30 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
48 kV / 50 Hz

Rated Voltage
18/30 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 (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 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

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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