We Make Modern
Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

N2XSY 12/20 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
36 kV / 50 Hz

Rated Voltage
12/20 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 35 RM / 16	0.16	0.524	189	200	29.0	1100	500 T, 1000 T
1 x 50 RM / 16	0.18	0.387	222	239	30.0	1250	500 T, 1000 T
1 x 70 RM / 16	0.2	0.268	271	297	32.0	1350	500 T, 1000 T
1 x 95 RM / 16	0.22	0.193	323	361	33.0	1750	500 T, 1000 T
1 x 120 RM / 16	0.24	0.153	367	416	35.0	1900	500 T, 1000 T
1 x 150 RM / 25	0.26	0.124	409	470	36.0	2400	500 T, 1000 T
1 x 185 RM / 25	0.27	0.099	461	538	38.0	2800	500 T, 1000 T
1 x 240 RM / 25	0.31	0.075	532	634	41.0	3400	500 T, 1000 T
1 x 300 RM / 25	0.33	0.060	599	724	43.0	4000	500 T, 1000 T
1 x 400 RM / 35	0.37	0.047	671	829	46.0	4950	500 T, 1000 T
1 x 500 RM / 35	0.41	0.037	754	953	49.0	6050	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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