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MEDIUM VOLTAGE CABLES 10 – 30 kV

N2XSY 6/10 kV

XLPE/PVC medium voltage underground
cable, single core



TECHNICAL DATA



Standard
DIN VDE 0276-620



Rated Voltage
6/10 kV (U₀/U)



Test Voltage
18 kV / 50 Hz



Bending radius (min.)
15 x ϕ of cable



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



Certificate
VDE Germany



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 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

CONTACT PERSON

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