



We Make Modern
Life Possible

COPPER - VDE

N2XSY 12/20 kV

XLPE/PVC medium voltage underground
cable, single core



TECHNICAL DATA



Standard
DIN VDE 0276-620



Certificate
VDE Germany



Test Voltage
36 kV



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 (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

CONTACT PERSON

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