



We Make Modern
Life Possible

COPPER - VDE

N2XS(F)2Y 6/10 kV

XLPE/HDPE medium voltage underground
cable, longitudinally water-proof



TECHNICAL DATA



Standard
DIN VDE 0276-620



Certificate
VDE Germany



Test Voltage
18 kV



Rated Voltage
6/10 kV (U₀/U)



Bending radius (min.)
15 x Ø of cable



Fire properties
CPR-Klassifizierung: Fca



Temperature range
Laying temperature: min. -20°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	0.24	0.524	187	197	26.0	915	500 T, 1000 T
1 x 50 RM / 16	0.26	0.387	220	236	27.0	1120	500 T, 1000 T
1 x 70 RM / 16	0.3	0.268	268	294	28.0	1330	500 T, 1000 T
1 x 95 RM / 16	0.31	0.193	320	358	30.0	1620	500 T, 1000 T
1 x 120 RM / 16	0.34	0.153	363	413	32.0	1870	500 T, 1000 T
1 x 150 RM / 25	0.39	0.124	405	468	33.0	2260	500 T, 1000 T
1 x 185 RM / 25	0.42	0.099	456	535	35.0	2630	500 T, 1000 T
1 x 240 RM / 25	0.47	0.075	526	631	38.0	3220	500 T, 1000 T
1 x 300 RM / 25	0.51	0.060	591	722	40.0	3810	500 T, 1000 T
1 x 400 RM / 35	0.57	0.047	662	827	43.0	4850	500 T, 1000 T
1 x 500 RM / 35	0.63	0.037	744	949	46.0	5800	500 T, 1000 T

CONTACT PERSON

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