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Life Possible

COPPER - VDE

N2XSY 18/30 kV

XLPE/PVC medium voltage underground
cable, single core



TECHNICAL DATA



Standard
DIN VDE 0276-620



Certificate
VDE Germany



Test Voltage
48 kV



Rated Voltage
18/30 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 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

CONTACT PERSON

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