We Make Modern
Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

N2XS(F)2Y 18/30 kV



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

For fixed installation for high requirements in the ground subject to external effects of moisture, in the open air and in cable ducts for industrial and distribution mains – as permitted by the local building regulations – under severe mechanical stressing during installation and operation.

TECHNICAL DATA

Standard
DIN VDE 0276-620

Certificate
VDE Germany

Test Voltage
48 kV

Rated Voltage
18/30 kV (Uo/U)

Bending radius (min.)
15 x Ø of cable

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



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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 50 RM / 16	0.14	0.387	225	241	36.0	1520	500 T, 1000 T
1 x 70 RM / 16	0.15	0.268	274	299	38.0	1790	500 T, 1000 T
1 x 95 RM / 16	0.17	0.193	327	363	40.0	2070	500 T, 1000 T
1 x 120 RM / 16	0.18	0.153	371	418	41.0	2360	500 T, 1000 T
1 x 150 RM / 25	0.19	0.124	414	472	42.0	2760	500 T, 1000 T
1 x 185 RM / 25	0.21	0.099	466	539	44.0	3170	500 T, 1000 T
1 x 240 RM / 25	0.23	0.754	539	635	47.0	3860	500 T, 1000 T
1 x 300 RM / 25	0.25	0.601	606	725	49.0	4490	500 T, 1000 T
1 x 400 RM / 35	0.27	0.047	680	831	52.0	5580	500 T, 1000 T
1 x 500 RM / 35	0.3	0.037	765	953	55.0	6600	500 T, 1000 T
1 x 630 RM / 35	0.33	0.028	841	1094	58.0	7850	500 T, 1000 T
1 x 800 RM / 35	0.36	0.022	990	1238	62.0	9350	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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