We Make Modern
Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

N2XS(F)2Y 6/10 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
18 kV

Rated Voltage
6/10 kV (Uo/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



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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 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

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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