We Make Modern
Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

NA2XS2Y 12/20 kV

XLPE/PE medium voltage aluminium underground cable

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
36 kV / 50 Hz

Rated Voltage
12/20 kV (Uo/U)

Bending radius (min.)
15 x Ø of cable

Temperature range
Laying temperature: min. -20°C
Operating temperature: -50°C up to 90°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN



Number of cores x nominal cross-section / cross-section of screen (mm²)	Mutual capacitance max (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	0.868	146	155	25.0	600	500 T, 1000 T
1 x 50 RM / 16	0.18	0.641	172	185	29.1	780	500 T, 1000 T
1 x 70 RM / 16	0.2	0.443	210	231	30.6	880	500 T, 1000 T
1 x 50 RM / 16	0.14	0.641	174	187	34.1	990	500 T, 1000 T
1 x 70 RM / 16	0.15	0.443	213	232	35.4	1090	500 T, 1000 T
1 x 150 RM / 25	0.26	0.206	319	366	35.1	1280	500 T, 1000 T
1 x 185 RM / 25	0.27	0.164	361	420	36.7	1430	500 T, 1000 T
1 x 240 RM / 25	0.31	0.125	417	496	38.8	1630	500 T, 1000 T
1 x 400 RM / 35	0.37	0.078	535	660	43.8	2250	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

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