We Make Modern
Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

NA2XS2Y 6/10 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
18 kV

Rated Voltage
6/10 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



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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	0.868	145	153	25.0	600	500 T, 1000 T
1 x 50 RM / 16	0.26	0.641	171	183	24.9	630	500 T, 1000 T
1 x 70 RM / 16	0.3	0.443	208	228	26.4	720	500 T, 1000 T
1 x 95 RM / 16	0.31	0.32	248	278	28.0	820	500 T, 1000 T
1 x 120 RM / 16	0.34	0.253	283	321	29.2	910	500 T, 1000 T
1 x 150 RM / 25	0.39	0.206	315	364	30.9	1100	500 T, 1000 T
1 x 185 RM / 25	0.42	0.164	357	418	32.5	1230	500 T, 1000 T
1 x 240 RM / 25	0.47	0.125	413	494	34.6	1420	500 T, 1000 T
1 x 300 RM / 25	0.51	0.1	466	568	37.1	1640	500 T, 1000 T
1 x 400 RM / 35	0.57	0.078	529	660	40.4	2050	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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