We Make Modern
Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

NA2XS(FL)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

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)	Standard length-s/packing (m)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1 x 35 RM / 16	0.24	0.868	145	153	500 T, 1000 T	28.0	721
1 x 50 RM / 16	0.26	0.641	171	183	500 T, 1000 T	27.0	823
1 x 70 RM / 16	0.3	0.443	208	228	500 T, 1000 T	28.0	925
1 x 95 RM / 16	0.31	0.32	248	278	500 T, 1000 T	30.0	1150
1 x 120 RM / 16	0.34	0.253	325	285	500 T, 1000 T	32.0	1303
1 x 150 RM / 25	0.39	0.206	315	364	500 T, 1000 T	32.0	1355
1 x 185 RM / 25	0.42	0.164	357	418	500 T, 1000 T	36.0	1571
1 x 240 RM / 25	0.47	0.125	413	494	500 T, 1000 T	38.0	1732
1 x 300 RM / 25	0.51	0.1	466	567	500 T, 1000 T	47.5	2301
1 x 400 RM / 35	0.57	0.078	529	660	500 T, 1000 T	43.0	2502
1 x 500 RM / 35	0.63	0.061	602	767	500 T, 1000 T	55.0	3058
1 x 630 RM / 35	0.65	0.047	675	890	500 T, 1000 T	52.0	3169

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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