



NA2XS(FL)2Y 6/10 kV

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

MEDIUM VOLTAGE CABLES UP TO 36 kV

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 (U₀/U)

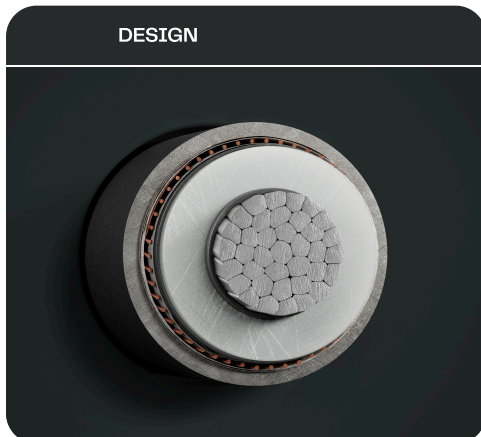


Bending radius (min.)
15 x Ø of cable



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 (mm ²)	Mutual capacitance (nF/km)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Standard lengths/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	721
1 x 50 RM / 16	0.26	0.641	171	183	500 T, 1000 T	27	823
1 x 70 RM / 16	0.3	0.443	208	228	500 T, 1000 T	28	925
1 x 95 RM / 16	0.31	0.32	248	278	500 T, 1000 T	30	1150
1 x 120 RM / 16	0.34	0.253	325	285	500 T, 1000 T	32	1303
1 x 150 RM / 25	0.39	0.206	315	364	500 T, 1000 T	32	1355
1 x 185 RM / 25	0.42	0.164	357	418	500 T, 1000 T	36	1571
1 x 240 RM / 25	0.47	0.125	413	494	500 T, 1000 T	38	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	0.0778	529	660	500 T, 1000 T	43	2502
1 x 500 RM / 35	0.63	0.0605	602	767	500 T, 1000 T	55	3058
1 x 630 RM / 35	0.65	0.0469	675	890	500 T, 1000 T	52	3169

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