We Make Modern
Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

NA2XS(FL)2Y 18/30 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
48 kV

Rated Voltage
18/30 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 50 RM / 16	0.14	0.641	174	187	500 T, 1000 T	36.0	1182
1 x 70 RM / 16	0.15	0.443	213	232	500 T, 1000 T	38.0	1332
1 x 95 RM / 16	0.17	0.32	254	282	500 T, 1000 T	33.0	1482
1 x 120 RM / 16	0.18	0.253	325	289	500 T, 1000 T	39.0	1782
1 x 150 RM / 25	0.19	0.206	322	367	500 T, 1000 T	41.3	1832
1 x 185 RM / 25	0.21	0.164	364	421	500 T, 1000 T	44.0	1982
1 x 240 RM / 25	0.23	0.125	422	496	500 T, 1000 T	46.0	2232
1 x 300 RM / 25	0.25	0.1	476	568	500 T, 1000 T	48.0	2432
1 x 400 RM / 35	0.27	0.078	541	659	500 T, 1000 T	51.0	3032
1 x 500 RM / 35	0.3	0.061	616	764	500 T, 1000 T	54.0	3132
1 x 630 RM / 35	0.32	0.047	675	890	500 T, 1000 T	57.5	3822
1 x 800 RM / 35	0.35	0.037	750	1015	500 T, 1000 T	62.0	4399
1 x 1000 RM / 35	0.38	0.031	820	1100	500 T, 1000 T	72.0	5032
1 x 1200 RM / 35	0.4	0.025	900	1200	500 T, 1000 T	78.0	5732

Technical changes reserved. All figures are therefore without guarantee.



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