



NA2XS(FL)2Y 18/30 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
48 kV



Rated Voltage
18/30 kV (U₀/U)

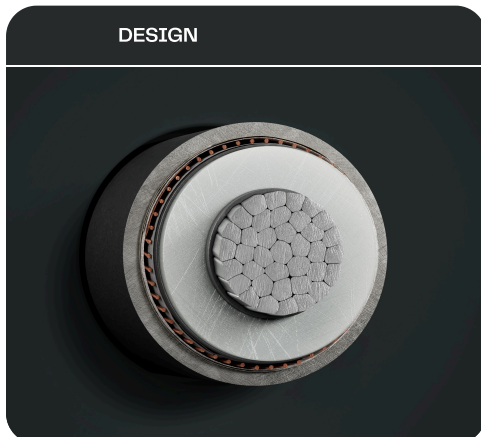


Bending radius (min.)
15 x Ø of cable



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 50 RM / 16	0.14	0.641	174	187	500 T, 1000 T	36	1182
1 x 70 RM / 16	0.15	0.443	213	232	500 T, 1000 T	38	1332
1 x 95 RM / 16	0.17	0.32	254	282	500 T, 1000 T	33	1482
1 x 120 RM / 16	0.18	0.253	325	289	500 T, 1000 T	39	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	1982
1 x 240 RM / 25	0.23	0.125	422	496	500 T, 1000 T	46	2232
1 x 300 RM / 25	0.25	0.1	476	568	500 T, 1000 T	48	2432
1 x 400 RM / 35	0.27	0.0778	541	659	500 T, 1000 T	51	3032
1 x 500 RM / 35	0.3	0.0605	616	764	500 T, 1000 T	54	3132
1 x 630 RM / 35	0.32	0.0469	675	890	500 T, 1000 T	57.5	3822
1 x 800 RM / 35	0.35	0.0367	750	1015	500 T, 1000 T	62	4399
1 x 1000 RM / 35	0.38	0.0305	820	1100	500 T, 1000 T	72	5032
1 x 1200 RM / 35	0.4	0.0254	900	1200	500 T, 1000 T	78	5732

CONTACT PERSON**Dogan Özcan**

Head of Technical Department

+43 (0) 1 70170-154

dogan.oezcan@skw.at

