We Make Modern
Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

NA2XS(FL)2Y 12/20 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
36 kV

Rated Voltage
12/20 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



NA2XS(FL)2Y 12/20 kV

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

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)
1 x 35 RM / 16	0.16	0.868	146	155	28.0	850
1 x 50 RM / 16	0.18	0.641	172	185	28.9	980
1 x 70 RM / 16	0.2	0.443	210	231	30.8	1190
1 x 95 RM / 16	0.22	0.32	251	280	32.5	1201
1 x 120 RM / 16	0.24	0.253	325	289	33.9	1302
1 x 150 RM / 25	0.26	0.206	319	366	35.1	1503
1 x 185 RM / 25	0.27	0.164	361	420	36.9	1641
1 x 240 RM / 25	0.31	0.125	417	4696	39.2	1862
1 x 300 RM / 25	0.33	0.1	471	569	41.7	2101
1 x 400 RM / 35	0.37	0.078	535	660	45.2	2552
1 x 500 RM / 35	0.41	0.061	602	767	48.5	2953
1 x 630 RM / 35	0.43	0.047	675	890	52.0	3445
1 x 800 RM / 35	0.48	0.037	750	1015	56.2	4084
1 x 1000 RM / 35	0.54	0.029	820	1135	60.9	4779

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Natalia Dikovits
Sales
+43 (0) 1 70170-120
natalia.dikovits@skw.at

