We Make Modern
Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

N2XS(F)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: -20°C up to 80°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)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard length-s/packing (m)
1 x 35 RM / 16	0.16	0.524	189	200	30.0	1075	500 T, 1000 T
1 x 50 RM / 16	0.18	0.387	222	239	31.0	1270	500 T, 1000 T
1 x 70 RM / 16	0.2	0.268	271	297	33.0	1520	500 T, 1000 T
1 x 95 RM / 16	0.22	0.193	323	361	35.0	1780	500 T, 1000 T
1 x 120 RM / 25	0.24	0.153	367	416	36.0	2090	500 T, 1000 T
1 x 150 RM / 25	0.26	0.124	409	470	37.0	2460	500 T, 1000 T
1 x 185 RM / 25	0.27	0.991	461	538	39.0	2840	500 T, 1000 T
1 x 240 RM / 25	0.31	0.075	531	634	42.0	3400	500 T, 1000 T
1 x 300 RM / 25	0.33	0.060	599	724	44.0	4150	500 T, 1000 T
1 x 400 RM / 35	0.37	0.047	671	829	47.0	5190	500 T, 1000 T
1 x 500 RM / 35	0.41	0.037	754	953	50.0	6170	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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

