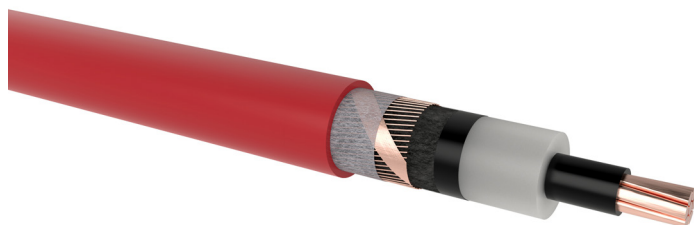


N2XS Y 6/10 kV

XLPE/PVC medium voltage underground cable, single core

DESIGN



- 1 | Copper conductor, round stranded compressed (RM)
- 2 | Inner semi-conductive layer (conductive XLPE)
- 3 | Core insulation (XLPE)
- 4 | Outer semi-conductive layer (conductive XLPE), taped with a conductive tape
- 5 | Screen (bare copper wires) and counter helix (copper tape)
- 6 | Sheath (PVC red)

APPLICATION

For fix installation in ground, in indoors, ground and in cable ducts for industry and distribution networks in accordance with the applicable installation regulations.

TECHNICAL DATA



Standard:
DIN VDE 0276-620



Rated voltage:
6/10 kV (U₀/U)



Test voltage:
18 kV / 50 Hz



Temperature range:
laying temperature: min. -5 °C
operating temperature: -20 °C up to 80 °C
conductor temperature: max. 90 °C
short circuit temperature: max. 250 °C/5 s



Bending radius (min.):
15 x Ø of cable



Fire properties:
EN 60332-1-2: flame retardant



Certificate:
VDE Germany

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)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/ packing (m)
N2XS Y 6/10 kV							
1 x 35 RM/16	0.24	0.524	187	197	25.0	900	500 D, 1000 D
1 x 50 RM/16	0.26	0.387	220	236	26.0	950	500 D, 1000 D
1 x 70 RM/16	0.3	0.268	268	294	28.0	1300	500 D, 1000 D
1 x 95 RM/16	0.31	0.193	320	358	29.0	1600	500 D, 1000 D
1 x 120 RM/16	0.34	0.153	363	413	31.0	1850	500 D, 1000 D
1 x 150 RM/25	0.39	0.124	405	468	32.0	2200	500 D, 1000 D
1 x 185 RM/25	0.42	0.0991	456	535	33.0	2450	500 D, 1000 D
1 x 240 RM/25	0.47	0.0754	526	631	36.0	3150	500 D, 1000 D
1 x 300 RM/25	0.51	0.0601	591	722	38.0	3750	500 D, 1000 D
1 x 400 RM/35	0.57	0.047	662	827	42.0	4650	500 D, 1000 D
1 x 500 RM/35	0.63	0.0366	744	949	45.0	5750	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

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