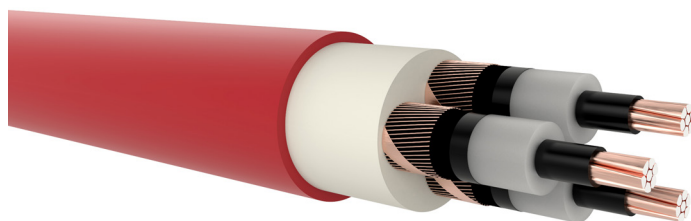


N2XSEY 6/10 kV

XLPE/PVC underground multicore cable

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) over each core
- 6 | Inner covering (EPDM or plastic foil)
- 7 | 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:
15 kV / 50 Hz



Temperature range:
laying temperature: min. -5 °C
operating temperature: -20 °C up to 70 °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)
N2XSEY 6/10 kV							
3 x 35 RM/16	0.24	0.524	181	178	47.0	2380	500 D, 1000 D
3 x 50 RM/16	0.26	0.387	213	213	50.0	3300	500 D, 1000 D
3 x 70 RM/16	0.3	0.268	261	265	54.0	3350	500 D
3 x 95 RM/16	0.31	0.193	312	322	58.0	4200	500 D
3 x 120 RM/16	0.34	0.153	355	370	62.0	5050	500 D
3 x 150 RM/25	0.39	0.124	399	420	67.0	6000	500 D
3 x 185 RM/25	0.42	0.0991	451	481	69.0	7200	500 D
3 x 240 RM/25	0.47	0.0754	523	566	77.0	11550	500 D