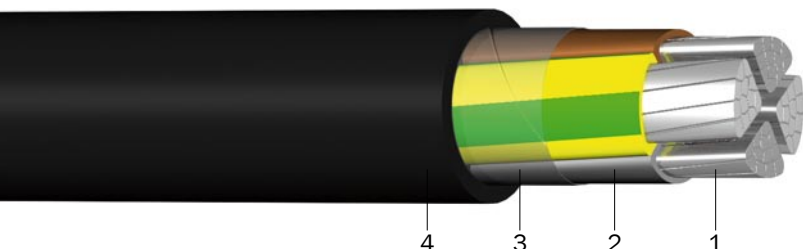


SE-N1XE-AS

Underground cable with XLPE insulation and HDPE sheath

DESIGN



- 1 | Aluminium conductor, sector-shaped stranded (AS)
- 2 | Core insulation (XLPE)
- 3 | Inner covering (EPDM or plastic tape)
- 4 | Sheath (HDPE black, UV-resistant)

TECHNICAL DATA



Standard:
HD 603.50



Rated voltage:
0.6/1 kV



Test voltage:
4.5 kV/50 Hz



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/5 s



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



Core identification:
HD 308 S2

4

APPLICATION

Power distribution cables in power stations, industrial installations and switchgear, as well as in local mains. For fixed installation underground, in interior premises, cable ducts, in the open air, in water – as permitted by the local building regulations – under severe mechanical stressing during installation and operation.

Number of cores x nominal cross section (mm ²)	Max. conductor resistance (Ω/km)	Current rating in the ground ¹⁾ (A)	Current rating in the air ¹⁾ (A)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
SE-N1XE-AS						
4 x 50 SM	0.641	158	149	27.0	820	1,000 D
4 x 95 SM	0.320	234	234	35.0	1,440	1,000 D
4 x 150 SM	0.206	300	311	43.0	2,170	500 D
4 x 240 SM	0.125	398	427	54.0	3,570	500 D

1) basic rated current acc. to HD 603.50
Subject to technical changes.