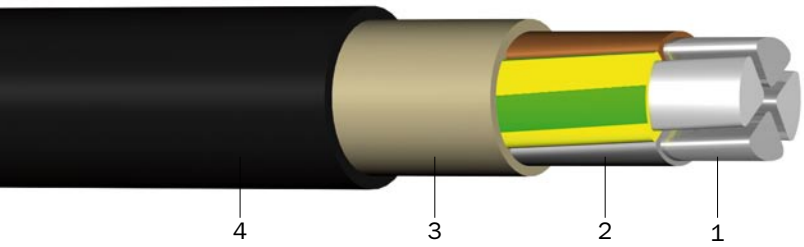
NA2X2Y

Underground cable with XLPE insulation and HDPE sheath

DESIGN



1 I Aluminium conductor, round solid (RE), sector-shaped solid (SE), round stranded (RM), resp. sector-shaped stranded (SM)
2 I Core insulation (XLPE)
3 I Inner covering (EPDM)
4 I Sheath (HDPE black, UV-resistant)

APPLICATION

Power distribution cables in power stations, industrial installations and switchgears, 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.

TECHNICAL DATA

Standard:
DIN VDE 0276-603 (HD 603)

Rated voltage:
0.6/1 kV

Test voltage:
4 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 ∅ of cable

Core identification:
HD 308 S2

Certificate:
EZÚ Czech Republic, VDE Germany

Number of cores x nominal cross section (mm²)	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)
NA2X2Y						
4 x 25 RE	1.200	112	102	25.5	730	1,000 D
4 x 25 RM	1.200	112	102	26.7	750	1,000 D
4 x 35 RE	0.868	135	126	27.8	885	1,000 D
4 x 35 RM	0.868	135	126	29.3	940	1,000 D
4 x 50 SE	0.641	158	149	31.9	910	1,000 D
4 x 50 SM	0.641	158	149	34.4	1,010	1,000 D
4 x 70 SE	0.443	196	191	36.1	1,280	1,000 D
4 x 70 SM	0.443	196	191	38.0	1,340	1,000 D
4 x 95 SE	0.320	234	234	40.3	1,640	1,000 D
4 x 95 SM	0.320	234	234	43.0	1,690	1,000 D
4 x 120 SE	0.253	268	273	43.5	1,950	1,000 D
4 x 120 SM	0.253	268	273	46.6	2,040	1,000 D
4 x 150 SE	0.206	300	311	47.7	2,440	500 D
4 x 150 SM	0.206	300	311	50.4	2,580	500 D
4 x 185 SE	0.164	342	360	52.7	3,100	500 D
4 x 185 SM	0.164	342	360	57.0	3,260	500 D
4 x 240 SE	0.125	398	427	58.2	3,870	500 D
4 x 240 SM	0.125	398	427	63.2	4,050	500 D

1) basic rated current acc. to DIN VDE 0276-603 (HD 603)
Subject to technical changes.