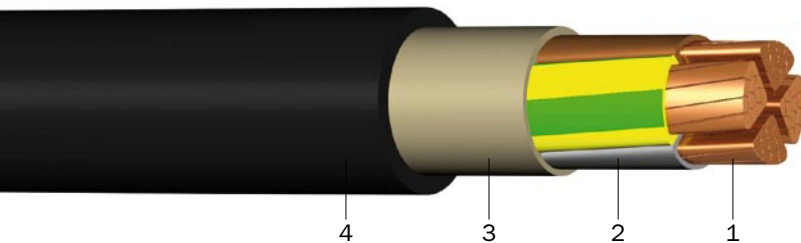


N2X2Y

Underground cable with XLPE insulation and HDPE sheath

DESIGN



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

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 Ø of cable



Core identification:
HD 308 S2

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 and in water – as permitted by the local building regulations – under severe mechanical stress 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)
N2X2Y						
4 x 16 RM	1.150	112	98	22.0	1,020	1,000 D
4 x 25 RM	0.727	145	133	26.7	1,510	1,000 D
4 x 35 RM	0.524	174	162	29.3	1,960	1,000 D
4 x 50 SM	0.387	206	197	34.4	2,340	1,000 D
4 x 70 SM	0.268	254	250	38.1	3,160	1,000 D
4 x 95 SM	0.193	305	308	43.2	4,280	500 D
4 x 120 SM	0.153	348	359	46.6	5,240	500 D
4 x 150 SM	0.124	392	412	48.6	6,360	500 D
4 x 185 SM	0.099	444	475	50.4	6,980	500 D
4 x 240 SM	0.075	517	564	55.2	9,130	500 D

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