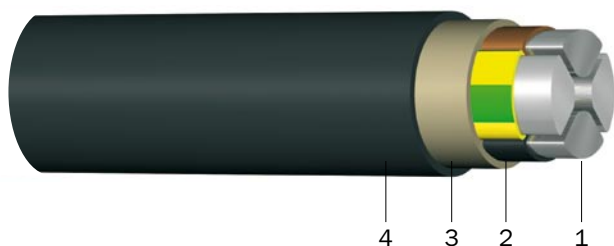


NAYY

Underground cable with PVC insulation and PVC sheath Standard: VDE 0276-603

Usage:

Power distribution cables in power stations, industrial installations and switchgear, as well as in local mains. For fixed installation in interior premises, cable ducts, in the open air, in water – as permitted by the local building regulations – if no risk of any mechanical damage is to be expected.



Construction:

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



Rated voltage: 0.6/1 kV



Test voltage: 4000 Veff



Temperature range:

laying temperature: min. –5 °C
operating temperature: –30 °C to +70 °C
conductor temperature: max. +70 °C
short-circuit temperature: max. +160 °C/5 s



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



Core identification: coloured (HD 308 S2)



Fire properties:

flame retardant (EN 50265-2-1, IEC 60332-1)



Test certificate:

EZÚ Czech Republic,
EVPÚ Slovak Republic,
VDE Germany,
BBJ Poland

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.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
NAYY							
4 x 25 RE	1.200	102	82	25.5	290	988	1000 T
4 x 25 RM	1.200	102	82	26.7	290	1,032	1000 T
4 x 35 RE	0.868	123	100	27.8	406	1,129	1000 T
4 x 35 RM	0.868	123	100	29.3	406	1,180	1000 T
4 x 50 RE	0.641	144	119	31.9	580	1,295	1000 T
4 x 50 RM	0.641	144	119	34.4	580	1,353	1000 T
4 x 70 SE	0.443	179	152	36.1	812	1,740	1000 T
4 x 70 SM	0.443	179	152	38.0	812	1,818	1000 T
4 x 95 SE	0.320	215	186	40.3	1,102	2,331	1000 T
4 x 120 SE	0.253	245	216	43.5	1,392	2,660	1000 T
4 x 120 SM	0.253	245	216	46.6	1,392	2,779	1000 T
4 x 150 SE	0.206	275	246	47.7	1,740	3,112	500 T
4 x 150 SM	0.206	275	246	50.4	1,740	3,251	500 T
4 x 185 SE	0.164	313	285	52.7	2,146	4,167	500 T
4 x 185 SM	0.164	313	285	57.0	2,146	4,353	500 T
4 x 240 SE	0.125	364	338	58.2	2,784	5,150	500 T
4 x 240 SM	0.125	364	338	63.2	2,784	5,380	500 T

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