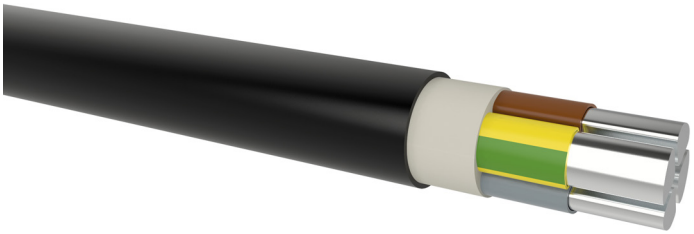
PRAKAB PRAŽSKÁ KABELOVNA

NA2XY

XLPE/PVC aluminium energy cable

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 (PVC 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 – if no risk of any mechanical damage is to be expected.

TECHNICAL DATA

Standard:
DIN VDE 0276-603 (HD 603)

Rated voltage:
0.6/1 kV

Test voltage:
core / core 4 kV / 50 Hz

Temperature range:
laying temperature: min. -5 °C
operating temperature: -50 °C up to 90 °C
short circuit temperature: max. 250 °C/5 s

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

Core identification:
HD 308 S2

Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}

Certificate:
VDE Germany

Number of cores x nominal cross-section (mm^2)	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
NA2XY						
4 x 25 RM	1.2	112	102	26.5	917	1000 D
4 x 35 RM	0.868	135	126	28.9	1135	1000 D
4 x 35 RE	0.868	135	126	27.7	1060	1000 D
4 x 35 SM	0.868	135	126	26.3	938	1000 D
4 x 50 SE	0.641	158	149	28.1	1126	1000 D
4 x 50 SM	0.641	158	149	29.8	1185	1000 D
4 x 70 SE	0.443	196	191	32.4	1517	1000 D
4 x 70 SM	0.443	196	191	33.8	1584	1000 D
4 x 95 SE	0.32	234	234	35.9	1925	1000 D
4 x 120 SM	0.253	268	273	41.8	2435	1000 D
4 x 120 SE	0.253	268	273	39.4	2322	1000 D
4 x 150 SE	0.206	300	311	43.8	2852	500 D
4 x 185 SE	0.164	342	360	48.0	3452	500 D
4 x 240 SE	0.125	398	427	53.3	4326	500 D
4 x 240 SM	0.125	398	427	57.9	4535	500 D

Technical changes reserved. All figures are therefore without guarantee.