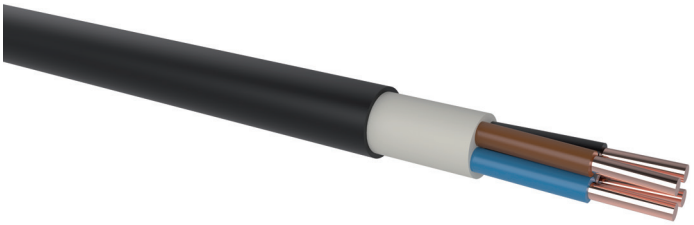
PRAKAB PRAŽSKÁ KABELOVNA

NY2Y

PVC/PE copper energy cable

DESIGN



1 I Copper conductor, round solid (RE), round stranded (RM) resp. sector-shaped stranded (SM)
2 I Core insulation (PVC)
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:
core / core 4 kV / 50 Hz

Temperature range:
laying temperature: min. -5 °C
operating temperature: -50 °C up to 70 °C
conductor temperature: max. 70 °C
short circuit temperature: max. 160 °C/5 s

Bending radius (min.):
15 x Ø of cable (single core)
12 x Ø of cable (multi core)

Core identification:
HD 308 S2

Fire properties:
CPR classification: F_{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
NY2Y						
4 x 16 RM	1.15	102	79	23.3	1048	1000 D
5 x 16 RE	1.15	102	79	24.6	1220	1000 D
4 x 25 RM	0.727	133	106	27.1	1530	1000 D
5 x 25 RM	0.727	133	106	29.5	1846	1000 D
4 x 35 RM	0.524	159	129	29.6	1972	1000 D
4 x 50 SM	0.387	188	157	31.6	2386	1000 D
4 x 70 SM	0.268	232	199	43.0	3130	500 D
4 x 95 SM	0.193	280	246	46.6	4320	500 D
4 x 120 SM	0.153	318	285	50.4	5290	500 D
4 x 150 SM	0.124	359	326	48.5	6583	500 D
4 x 185 SM	0.0991	406	374	57.0	8140	500 D
4 x 240 SM	0.0754	473	445	59.8	10511	500 D

Technical changes reserved. All figures are therefore without guarantee.