We Make Modern Life Possible.



POWER CABLES AND OVERHEAD LINES 0.6/1 KV

(N)A2XY RF

XLPE/PVC aluminium energy cable, flexible cores

Power distribution cables in power stations, industrial installations and switchgears, as well as in local mains. For installation with improved bending during theinstallation in to underground, interior premises, cable ducts etc. UV resistant.

TECHNICAL DATA

Standard
adapted to DIN VDE 0276-603 (HD603)

Test Voltage
4 kV / 50 Hz

Rated Voltage
0,6/1 kV

Bending radius (min.)
9 x Ø of cable

Fire properties
EN 60332-1-2: self-extinguishing
CPR classification: Eca

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -5°C
Operating temperature: -50°C up to 90°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN



1. Aluminium conductor, round stranded,fine (RF)
2. Core insulation (XLPE, black)
3. Sheath (PVC black, UV-resistant)

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1 x 50 RF	0.641	252	205	16.8	136
1 x 70 RF	0.443	310	260	19.0	195
1 x 95 RF	0.32	372	321	20.3	263
1 x 120 RF	0.253	425	376	22.8	333
1 x 150 RF	0.206	476	431	24.6	403
1 x 185 RF	0.164	541	501	27.4	515
1 x 240 RF	0.125	631	600	30.1	655
1 x 300 RF	0.1	716	696	32.2	826
1 x 400 RF	0.078	825	821	37.4	1063

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Vojtěch Cuřín
Product Supervisor
+420 731 226 023
vojtech.curin@prakab.com

