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POWER CABLES AND OVERHEAD LINES 0.6/1 KV

(N)A2XY RF

XLPE/PVC aluminium energy cable, flexible cores

TECHNICAL DATA

Standard
adapted to DIN VDE 0276-603 (HD603)

Rated Voltage
0,6/1 kV

Test Voltage
4 kV / 50 Hz

Bending radius (min.)
9 x Ø of cable

Core identification
HD 308 S2

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

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

CONTACT PERSON

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