

LOW VOLTAGE CABLES 0,6/1 kV

(N)A2XY RF

XLPE/PVC aluminium energy cable, flexible
cores



TECHNICAL DATA

	Standard adapted to DIN VDE 0276-603 (HD603)		Fire properties EN 60332-1-2: self-extinguishing CPR classification: Eca
	Test Voltage 4 kV / 50 Hz		Core identification HD 308 S2
	Rated Voltage 0,6/1 kV		Temperature range Laying temperature: min. -5°C Operating temperature: -50°C up to 90°C Conductor temperature: max. 90°C Short circuit temperature: max. 90°C
	Bending radius (min.) 9 x Ø of cable		

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 (mm ²)	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

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