We Make Modern
Life Possible.

POWER CABLES AND OVERHEAD LINES 0.6/1 KV

(N)YY-RF

PVC/PVC underground cable

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
adapted to DIN VDE 0276-603

Test Voltage
4 kV

Rated Voltage
0.6/1 kV (Uo/U)

Bending radius (min.)
15 x Ø of cable

Fire properties
CPR classification: Eca

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -5°C
Operating temperature: -20°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN



Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Current rating in the earth (A)	Current rating in the air (A)
1 x 35 RF	17.0	520	247	184
1 x 50 RF	19.0	700	302	230
1 x 70 RF	20.0	870	362	278
1 x 95 RF	21.0	1090	423	331
1 x 120 RF	23.0	1380	488	389
1 x 150 RF	25.0	1650	550	446
1 x 185 RF	27.0	1990	615	510
1 x 240 RF	30.0	2570	725	617
1 x 300 RF	35.0	3300	828	725

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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