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POWER CABLES AND OVERHEAD LINES 0.6/1 KV

E-A2Y

PE insulated bundled overhead line

Can be used for fixed installation as overhead power lines up to 1,000 V inclusive. Not suitable for direct burial.

TECHNICAL DATA

Standard
ÖVE/ÖNORM E 8200-626 (HD 626)

Test Voltage
3,5 kV / 50 Hz

Rated Voltage
0.6/1 kV

Bending radius (min.)
18 x Ø of cable

Core identification
1, 2 resp. 3 raised longitudinal ribs on the surface of the cores, the 4. core is showing fine longitudinal grooves (75 % of surface) and is printed with the type designation

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

DESIGN



1. Aluminium conductor, round stranded (RM)
2. Core insulation (PE black, UV-resistant)

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 16 RM	1.91	56	14.2	131
2 x 25 RM	1.2	80	17.9	210
4 x 25 RM	1.2	80	21.5	410
4 x 35 RM	0.868	100	24.1	522
4 x 50 RM	0.641	125	28.1	702
4 x 70 RM	0.443	160	31.9	958
4 x 95 RM	0.32	185	37.2	1308

Technical changes reserved. All figures are therefore without guarantee.

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