

POWER CABLES AND OVERHEAD LINES 0.6/1 kV

E-Y2Y

PVC/PE copper energy cable



TECHNICAL DATA



Standard
ÖVE/ÖNORM E 8200-603



Certificate
ÖVE Austria



Test Voltage
core/core 4 kV / 50 Hz



Rated Voltage
0,6/1 kV



Bending radius (min.)
12 x Ø of cable



Fire properties
CPR classification: Fca



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. 70°C

DESIGN



1 Copper conductor, round solid (RE), round stranded (RM)
resp. sector-shaped stranded (SM)



2 Core insulation (PVC)



3 Inner covering (Plastic tape or extruded bedding)



4 Sheath (PE 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)
4 x 6 RE	3.08	58	43	15.5	412
4 x 10 RE	1.83	78	59	17.9	615
4 x 16 RE	1.15	101	78	20.1	875
4 x 16 RM	1.15	101	78	20.7	905
4 x 25 RM	0.727	132	105	24.8	1374
4 x 35 SM	0.524	159	129	24.6	1564
4 x 50 SM	0.387	188	157	28.4	2086
4 x 70 SM	0.268	232	199	31.2	2872
4 x 95 SM	0.193	280	246	36.7	3954
4 x 150 SM	0.124	359	326	44.2	6003
4 x 185 SM	0.099	406	374	49.8	7525
4 x 240 SM	0.075	473	445	55.4	9770

CONTACT PERSON

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