

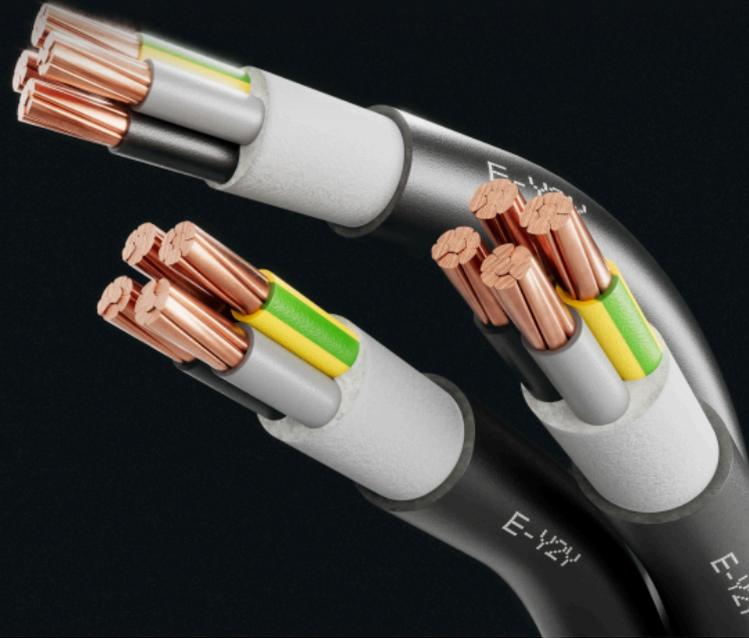


E-Y2Y

PVC/PE copper energy cable

LOW VOLTAGE CABLES 0,6/1 kV

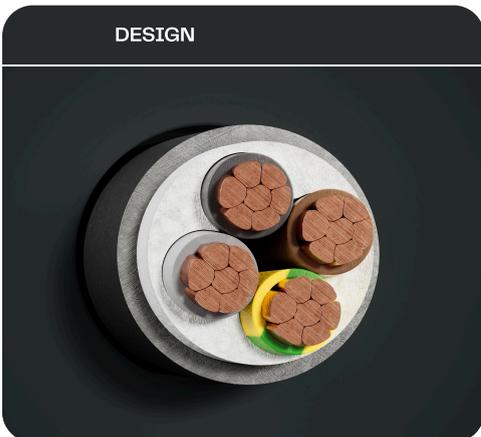
Power distribution cables in power stations, industrial installations and switchgears, as well as in local mains. For fixed installation underground, in interior premises, cable ducts, in the open air, in water – as permitted by the local building regulations– under severe mechanical stressing during installation and operation.



TECHNICAL DATA

 <p>Standard ÖVE/ÖNORM E 8200–603</p>	 <p>Rated Voltage 0,6/1 kV</p>	 <p>Core identification HD 308 S2</p>
 <p>Certificate ÖVE Austria</p>	 <p>Bending radius (min.) 12 x Ø of cable</p>	 <p>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</p>
 <p>Test Voltage core/core 4 kV / 50 Hz</p>	 <p>Fire properties CPR classification: Fca</p>	

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

Ing. Štěpán Laštůvka
Product Supervisor
+420 732 912 682
stepan.lastuvka@prakab.com

