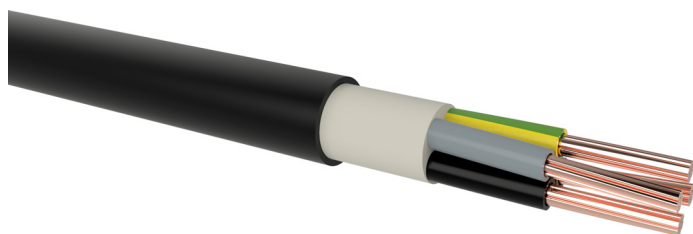


E-Y2Y

PVC/PE underground cable

DESIGN



- 1 | Copper conductor, round solid (RE), round stranded (RM) resp. sector-shaped stranded (SM)
- 2 | Core insulation (PVC)
- 3 | Inner covering (EPDM or plastic foil)
- 4 | Sheath (HDPE black, UV resistant, min. 55 ShD)

APPLICATION

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



Standard:
ÖVE/ÖNORM E 8200-603



Rated voltage:
0.6/1 kV (U₀/U)



Test voltage:
4 kV / 50 Hz



Temperature range:
 laying temperature: min. -5 °C max. 70 °C
 operating temperature: -20 °C up to 70 °C
 conductor temperature: max. 70 °C
 short circuit temperature: max. 160 °C/5 s



Bending radius (min.):
12 x Ø of cable



Core identification:
HD 308 S2



Fire properties:
CPR classification: F_{ca}

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 (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
E-Y2Y						
4 x 10 RE	1.83	78	59	18.5	591	500 D, 1000 D
4 x 16 RE	1.15	101	78	21.7	972	500 D, 1000 D
4 x 16 RM	1.15	101	78	21.3	969	500 D, 1000 D
4 x 25 RM	0.727	132	105	25.0	1472	500 D, 1000 D
4 x 35 SM	0.524	159	129	27.1	1577	500 D, 1000 D
4 x 50 SM	0.387	188	157	28.7	2119	500 D, 1000 D
4 x 70 SM	0.268	232	199	32.2	2938	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

25.10.2022, 10:19