

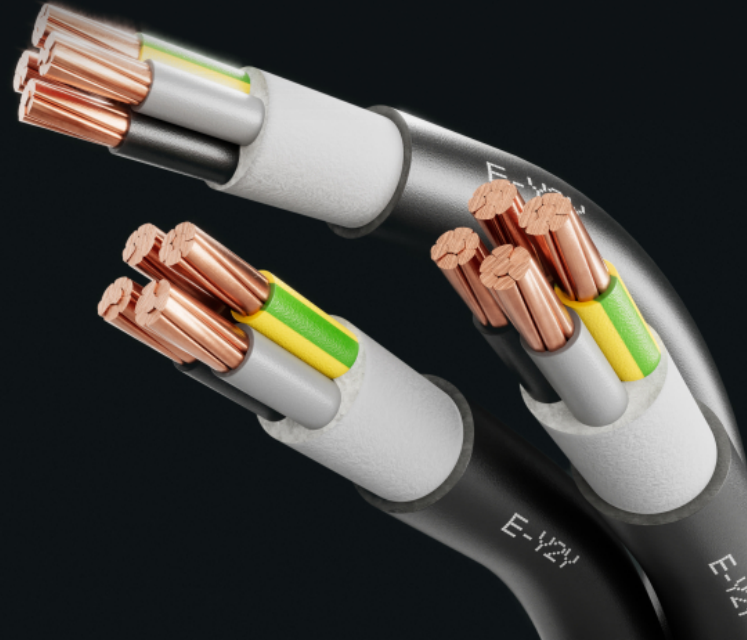


# E-Y2Y

## 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



**Standard**  
ÖVE/ÖNORM E 8200–603



**Rated Voltage**  
0,6/1 kV



**Core identification**  
HD 308 S2



**Certificate**  
ÖVE Austria



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



**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



**Test Voltage**  
core/core 4 kV / 50 Hz



**Fire properties**  
OPR classification: Fca

#### 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 <sup>2</sup> ) | 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                                                 | 0.0991                           | 406                             | 374                           | 49.8                      | 7525                       |
| 4 x 240 SM                                                 | 0.0754                           | 473                             | 445                           | 55.4                      | 9770                       |

## CONTACT PERSON

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