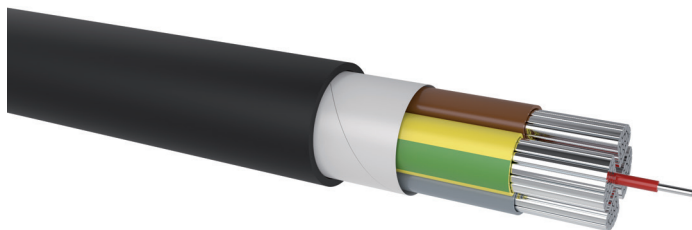


## E-XAYY

PVC/PVC aluminium energy cables

### DESIGN



- 1 | Aluminium conductor, round stranded (RM), resp. sector-shaped stranded (SM)
- 2 | Core insulation (PVC)
- 3 | Signalling core (single copper wire, max. 7.41 Ω/km, with RED PVC insulation) as central element
- 4 | Inner covering (EPDM or plastic tape)
- 5 | Sheath (PVC black, UV-resistant)

### 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 – if no risk of any mechanical damage is to be expected.

### TECHNICAL DATA



**Standard:**  
adapted to ÖVE/ONORM E 8200-603 (HD 603)



**Rated voltage:**  
0.6/1 kV



**Test voltage:**  
core / core                      4 kV / 50 Hz



**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/5 s



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



**Core identification:**  
HD 308 S2



**Fire properties:**  
EN 60332-1-2: flame retardant  
CPR classification:              E<sub>ca</sub>



**Certificate:**  
EZÚ Czech Republic

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 (mm) appr.	Total weight (kg/km) appr.	Standard lengths / packing
<b>E-XAYY</b>						
4 x 16 RM	1.91	78	60	21.5	675	500 D, 1000 D
4 x 25 RM	1.2	102	81	24.0	875	500 D, 1000 D
4 x 35 SM	0.868	122	99	25.0	810	500 D, 1000 D
4 x 50 SM	0.641	144	119	28.0	1050	500 D, 1000 D
4 x 70 SM	0.443	179	152	31.4	1360	500 D, 1000 D
4 x 95 SM	0.32	215	186	36.5	1840	500 D, 1000 D
4 x 120 SM	0.253	245	216	41.0	2320	500 D, 1000 D
4 x 150 SM	0.206	275	246	44.0	2640	500 D, 1000 D
4 x 185 SM	0.164	313	285	51.0	3260	500 D
4 x 240 SM	0.125	364	338	55.9	4170	500 D

Technical changes reserved. All figures are therefore without guarantee.