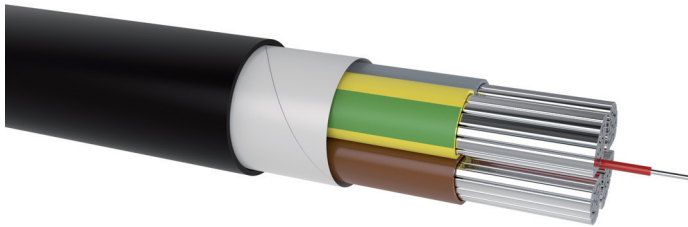


E-XAY2Y

PVC/PE aluminium energy cable

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 (HDPE black, UV-resistant)

APPLICATION

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

TECHNICAL DATA



Standard:
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:
CPR classification: F_{ca}



Certificate:
EZÚ Czech Republic

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
E-XAY2Y						
4 x 16 RM + 2.5 RE	1.91	78	60	21.4	590	500 D, 1000 D
4 x 25 RM + 2.5 RE	1.2	102	81	23.0	900	500 D, 1000 D
4 x 35 SM + 2.5 RE	0.868	122	99	24.5	740	500 D, 1000 D
4 x 50 SM + 2.5 RE	0.641	144	119	28.0	1050	500 D, 1000 D
4 x 70 SM + 2.5 RE	0.443	179	152	31.0	1270	500 D, 1000 D
4 x 95 SM + 2.5 RE	0.32	215	186	36.0	1690	500 D, 1000 D
4 x 120 SM + 2.5 RE	0.253	245	216	40.0	2120	500 D, 1000 D
4 x 150 SM + 2.5 RE	0.206	275	246	43.5	2470	500 D, 1000 D
4 x 185 SM + 2.5 RE	0.164	313	285	50.0	3120	1000 D
4 x 240 SM + 2.5 RE	0.125	364	338	55.0	3960	500 D

Technical changes reserved. All figures are therefore without guarantee.