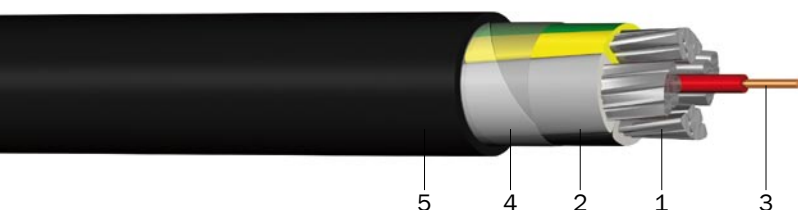


E-XAY2Y

Underground cable with PVC insulation and HDPE sheath

DESIGN



- 1 | Aluminium conductor, round solid (RE), 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)

TECHNICAL DATA

- Standard:** adapted to ÖVE/ÖNORM E 8200-603 (HD 603)
- Rated voltage:** 0.6/1 kV
- Test voltage:** 4 kV/50 Hz
- Temperature range:**
 - laying temperature: min. -5 °C
 - operating temperature: -50 °C 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
- Certificate:** EZÚ Czech Republic

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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.

Number of cores x nominal cross section (mm ²)	Max. conductor resistance (Ω/km)	Current rating in the ground ¹⁾ (A)	Current rating in the air ¹⁾ (A)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
E-XAY2Y						
4 x 16 RE + 2.5 RE	1.910	78	60	21.0	550	500 D, 1,000 D
4 x 16 RM + 2.5 RE	1.910	78	60	21.4	590	500 D, 1,000 D
4 x 25 RM + 2.5 RE	1.200	102	82	23.0	900	500 D, 1,000 D
4 x 35 SM + 2.5 RE	0.868	122	99	24.5	740	500 D, 1,000 D
4 x 50 SM + 2.5 RE	0.641	144	119	28.0	1,050	500 D, 1,000 D
4 x 70 SM + 2.5 RE	0.443	179	152	31.0	1,270	500 D, 1,000 D
4 x 95 SM + 2.5 RE	0.320	215	186	36.0	1,690	500 D, 1,000 D
4 x 120 SM + 2.5 RE	0.253	245	216	40.0	2,120	500 D, 1,000 D
4 x 150 SM + 2.5 RE	0.206	275	246	43.5	2,470	500 D, 1,000 D
4 x 185 SM + 2.5 RE	0.164	313	285	50.0	3,120	1,000 D
4 x 240 SM + 2.5 RE	0.125	364	338	55.0	3,960	500 D

1) basic rated current acc. to ÖVE/ÖNORM E 8200-603 (HD 603)
Subject to technical changes.