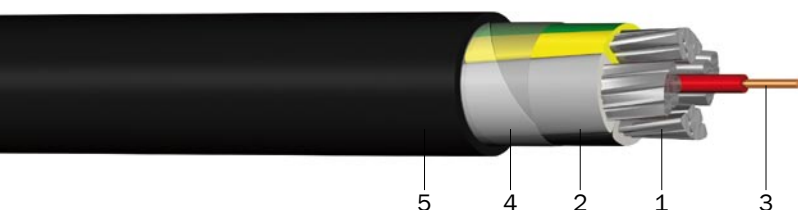


E-XAYY

Underground cable with PVC insulation and PVC 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 (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/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
- Fire properties:** flame retardant: EN 60332-1-2
- Certificate:** EZÚ Czech Republic

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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-XAYY						
4 x 16 RE + 2.5 RE	1.910	78	60	21.0	590	500 D, 1,000 D
4 x 16 RM + 2.5 RE	1.910	78	60	21.5	675	500 D, 1,000 D
4 x 25 RM + 2.5 RE	1.200	102	82	24.0	875	500 D, 1,000 D
4 x 35 SM + 2.5 RE	0.868	122	99	25.0	810	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	31.4	1,360	500 D, 1,000 D
4 x 95 SM + 2.5 RE	0.320	215	186	36.5	1,840	500 D, 1,000 D
4 x 120 SM + 2.5 RE	0.253	245	216	41.0	2,320	500 D, 1,000 D
4 x 150 SM + 2.5 RE	0.206	275	246	44.0	2,640	500 D, 1,000 D
4 x 185 SM + 2.5 RE	0.164	313	285	51.0	3,260	500 D
4 x 240 SM + 2.5 RE	0.125	364	338	55.7	4,170	500 D

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