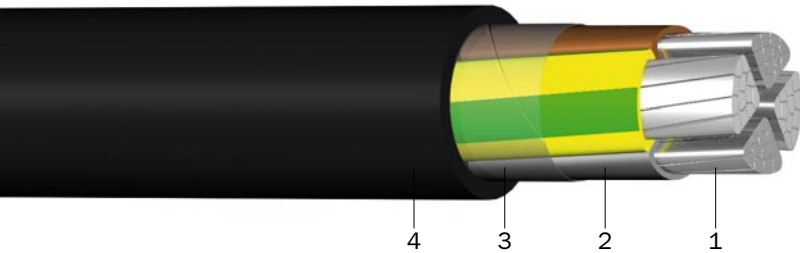


E–AY2Y

Underground cable with PVC insulation and HDPE sheath

DESIGN



- 1 | Aluminium conductor, round solid (RE), sector-shaped solid (SE), round stranded (RM), resp. sector-shaped stranded (SM)
- 2 | Core insulation (PVC)
- 3 | Inner covering (EPDM or plastic tape)
- 4 | Sheath (HDPE 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 – under severe mechanical stressing during installation and operation.

TECHNICAL DATA



Standard:
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, ÖVE Austria

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–AY2Y						
4 x 25 RE	1.200	102	81	25.0	690	500 D, 1,000 D
4 x 25 RM	1.200	102	81	26.0	700	500 D, 1,000 D
4 x 35 SM	0.868	122	99	24.5	730	500 D, 1,000 D
4 x 50 SE	0.641	144	119	26.5	900	500 D, 1,000 D
4 x 50 SM	0.641	144	119	27.0	930	500 D, 1,000 D
4 x 70 SE	0.443	179	152	31.0	1,250	500 D, 1,000 D
4 x 70 SM	0.443	179	152	31.2	1,240	500 D, 1,000 D
4 x 95 SE	0.320	215	186	33.5	1,580	500 D, 1,000 D
4 x 95 SM	0.320	215	186	35.0	1,640	500 D, 1,000 D
4 x 120 SE	0.253	245	216	41.0	1,900	500 D, 1,000 D
4 x 120 SM	0.253	245	216	44.5	2,070	500 D, 1,000 D
4 x 150 SE	0.206	275	246	40.0	2,320	500 D, 1,000 D
4 x 150 SM	0.206	275	246	43.3	2,460	500 D, 1,000 D
4 x 185 SM	0.164	313	285	53.0	3,110	500 D
3 x 240 + 120 SM/SM	0.125/0.253	364	338	52.0	3,510	500 D
4 x 240 SM	0.125	364	338	54.5	3,990	500 D

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