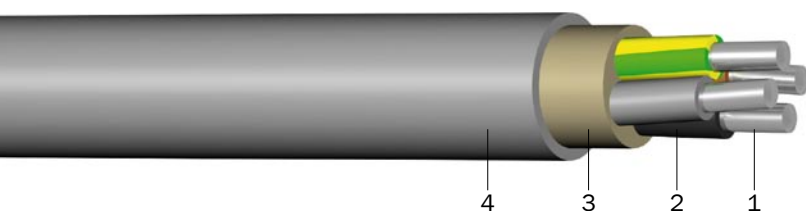


# PVIKS-AL-M

Underground cable with PVC insulation and PVC sheath

## DESIGN



- 1 | Aluminium conductor, round solid (RE), resp. sector-shaped solid (SE)
- 2 | Core insulation (PVC)
- 3 | Inner covering (EPDM or plastic tape)
- 4 | Sheath (PVC grey)

## 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:**  
HD 603.3E



**Rated voltage:**  
0.6/1 kV



**Test voltage:**  
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:**  
 flame retardant:  
 EN 60332-1-2

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Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Current rating in the ground <sup>1)</sup> (A)	Current rating in the air <sup>1)</sup> (A)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
PVIKS-AL-M						
4 x 16 RE	1.910	81	61	22.3	710	1,000 D
4 x 25 RE	1.200	102	82	26.0	975	1,000 D
4 x 50 SE	0.641	144	119	30.0	1,030	1,000 D
4 x 95 SE	0.320	215	186	37.8	1,730	1,000 D
4 x 150 SE	0.206	275	246	45.0	2,570	500 D
4 x 240 SE	0.125	364	338	55.1	4,040	500 D

1) basic rated current acc. to HD 603.3E  
Subject to technical changes.