

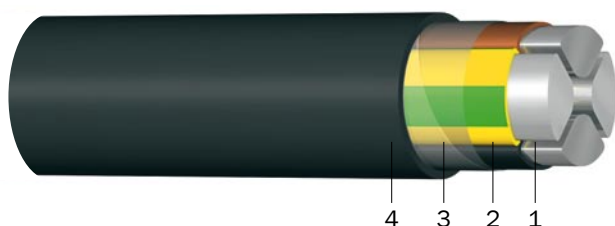
AXMK

Underground cable with XLPE insulation and PVC sheath

Standard: HD 603.5D S1

Usage:

Power distribution cables in power stations, industrial installations and switchgear, as well as in local mains. For fixed installation in interior premises, cable ducts, in the open air, in water – as permitted by the local building regulations – if no wish of any mechanical damage is to be expected.



Rated voltage: 0.6/1 kV



Test voltage: 4000 Veff



Temperature range:

laying temperature: min. -5 °C
 operating temperature: -30 °C to +90 °C
 conductor temperature: max. +90°C
 short-circuit temperature: max. +250 °C/5 s



Bending radius (min.): 12 x Ø of cable



Core identification: coloured (HD 603.5D S1)



Fire properties:

flame retardant (EN 50265-2-1, IEC 60332-1)

Construction:

- 1 Aluminium conductor, round solid (RE), sector-shaped solid (SE), round stranded (RM) resp. sector-shaped stranded (SM)
- 2 Core insulation (XLPE)
- 3 Inner covering (EPDM or plastic tape)
- 4 Sheath (PVC black, UV-resistant)

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.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
AXMK							
4 x 16 RE	1.910	91	77	18.9	192	498	1000 T
4 x 25 RM	1.200	112	92	23.7	300	764	1000 T
4 x 35 SM	0.868	135	112	23.5	420	689	1000 T
4 x 50 SM	0.641	158	133	26.5	600	866	1000 T
4 x 70 SM	0.443	196	169	31.0	840	1,239	1000 T
4 x 95 SM	0.320	234	205	34.7	1,140	1,548	1000 T
4 x 120 SM	0.253	268	239	38.8	1,440	2,009	1000 T
4 x 150 SM	0.206	300	271	43.2	1,800	2,336	500 T

1) basic rated current acc. to HD 603.5D S1
 Subject to technical changes.