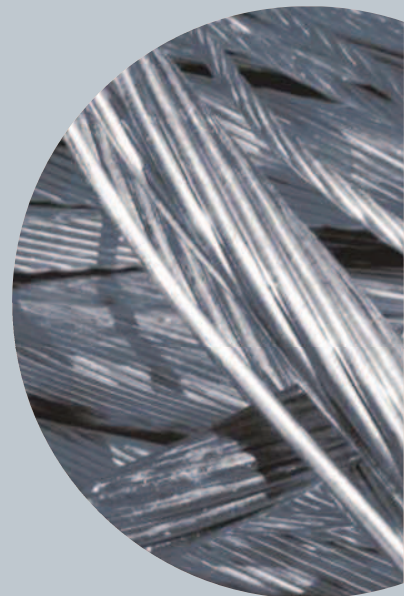
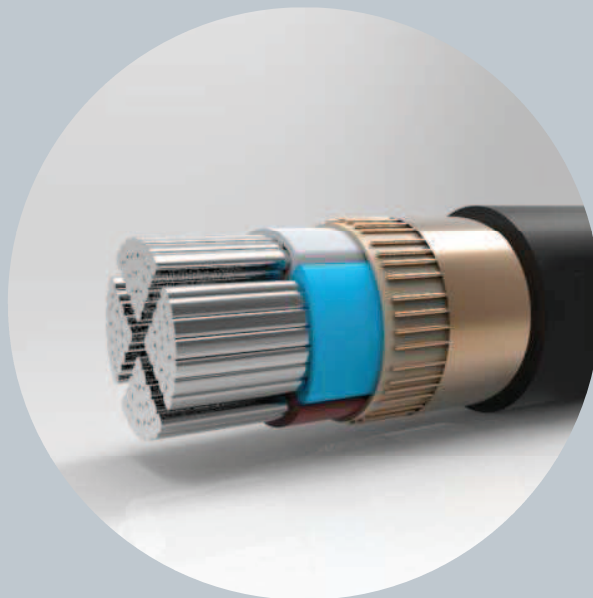




Aluminium power cables for voltage up to 1kV



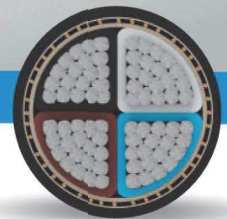
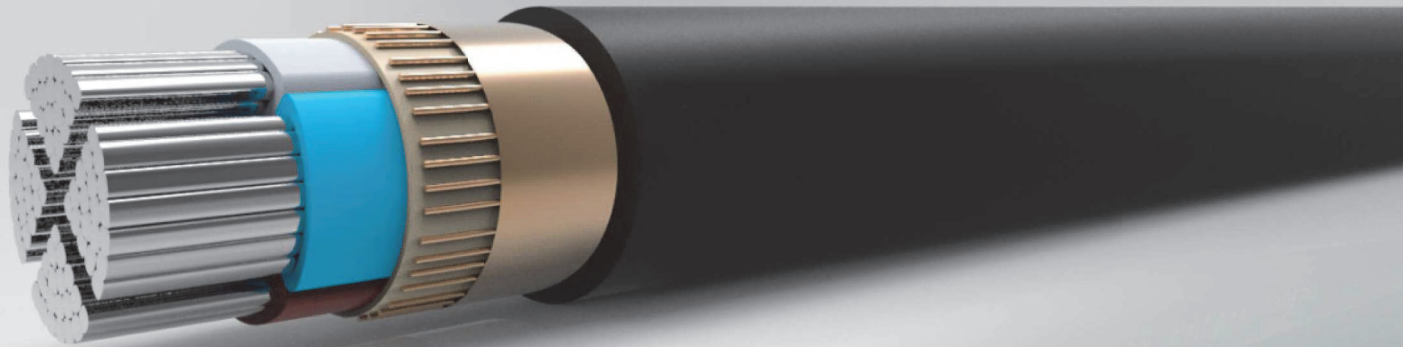
AXCMK-HF

Low smoke halogen-free screen-protected 1 kV power cable with aluminium conductors

AXCMK-HF



Low smoke halogen-free screen-protected 1 kV power cable with aluminium conductors



Aluminium power cables for voltage up to 1kV



APPLICATION

For fixed installation indoors, outdoors and underground; as well as in building structures e.g. directly in concrete (but not in sliding joints).



CONSTRUCTION

- Aluminum conductor, sector shaped annealed aluminium wireround stranded (SM)
- Core insulation (XLPE)
- Screen (Copper wires)
- Metallic sheath (Copper tape)
- Outer sheath (Halogen free polyolefin, black)



TECHNICAL DATA

Standard: IEC 60502-1, HD 604-5I

Rated voltage: 0.6 / 1kV

Test voltage: 4 kV / 50 Hz

Temperature range:

Laying temperature: min. - 15 °C

Operating temperature: -15 °C to 90 °C

Conductor temperature: max +90 °C

Short-circuit temperature: max. +250 °C

Core Identification: HD 308 S2

CPR class: Dca-s2,d2,a2

Bending radius (min): 15 x Ø of cable (single core)
12 x Ø of cable (multi core)

Fire properties:

EN 50399,
EN 60332-1-2,
EN 61034-2,
EN 60754-2



www.ttcables.com



CONSTRUCTION DATA OF POWER CABLES / AXCMK-HF						
Number of cores x nominal cross section	Max. conductor resistance	Current rating in the ground (70 °C)	Current rating in the air (70 °C)	Outer diameter	Total weight	Standard lengths / packig
(mm ²)	(Ω / km)	(A)	(A)	(mm) ca.	(kg/km) ca.	(m)
4x35/16	0,868	130	105	26	900	500 D
4X50/16	0,641	150	125	29	1200	500 D
4x70/21	0,443	185	155	33	1550	500 D
4x95/29	0,320	220	190	38	2050	500 D
4x120/41	0,253	255	220	41	2500	500 D
4x150/41	0,206	290	250	47	3000	500 D
4x185/57	0,164	330	285	52	3800	500 D
4x240/72	0,125	375	330	57	4850	500 D
4X300/88	0,100	430	380	63	5900	500 D



Subject to technical changes.

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