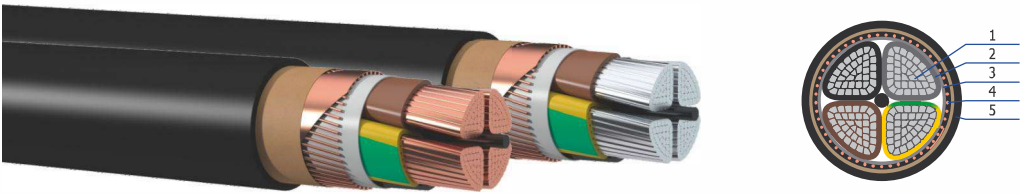


Power cables rated voltage 0.6/1 kV











AMCMK, MCMK, SFS 4880, HD 603, IEC 60502-1



**Application** Power cables suitable for laying in buildings, power stations, in open air, in ground, in cable trays and ducts where mechanical damages are not expected.

**Construction**

1. Conductor: Aluminum or copper acc. to EN 60228, Class 1 - RE (solid, round), Class 2 - RM (stranded, round), Class 2 - SM (stranded, shaped), FLEX - for annealed cores;
2. Insulation: PVC (color code acc. to HD 603 clause 4);
3. Filler/inner covering: EPDM+PVC or PVC;
4. Screen: Copper wires and copper tape, applied helically;
5. Cover: PVC sheath (black color).

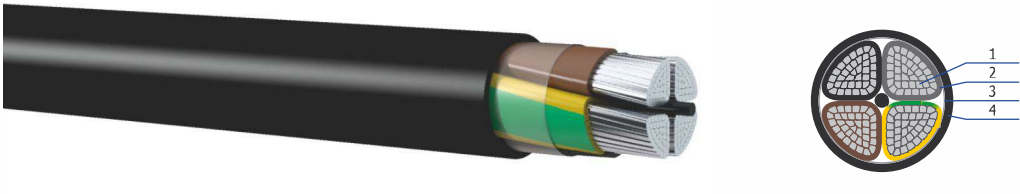
Parameters	 Exploitation temperature range °C	from -30 to 50
	 Short-circuit temperature °C	160
	 Bending radius	12D
	 Fire properties	EN 60332-1-2
	 Operating conductor temperature °C	max +70
	 Cabling (inside/outside)	inside/outside
	 Installation temperature °C	-15
	 Frequency, Hz	50
	 Testing voltage, kV	4
	 Rated voltage, kV	0,6/1

Cable sizes

	Cu	Al	Cu	Al	Cu
Number of conductors	2+1	3+1		4+1	
Minimum conductor size, mm²	6+6	16+10	6+6	16+10	6+6
Maximum conductor size, mm²	10+10	240+72	240+120	300+88	300+150

Power cables rated voltage 0.6/1 kV











AXMK, AXMK-PE, SFS 4879, HD 603, IEC 60502-1



**Application** Power cables suitable for laying in buildings, power stations, in open air, in ground, in cable trays and ducts where mechanical damages are not expected. Suitable for plough cabling.

**Construction**

1. Conductor: Aluminum acc. to EN 60228, Class 1 - RE (solid, round), Class 2 - RM (stranded, round), Class 2 - SM (stranded, shaped), FLEX - for annealed cores;
2. Insulation: XLPE (color code acc. to HD 603 clause 4);
3. Filler/inner covering: EPDM or plastic tape;
4. Cover: PVC sheath (black color). Weather-resistant black color PE (for AXMK-PE).

Parameters	 Exploitation temperature range °C	from -30 to 50
	 Short-circuit temperature °C	250
	 Bending radius	15D (single core); 12D (multi core)
	 Fire properties	EN 60332-1-2 (for cable with PVC sheath)
	 Operating conductor temperature °C	max +90
	 Cabling (inside/outside)	inside/outside
	 Installation temperature °C	-15
	 Frequency, Hz	50
	 Testing voltage, kV	4
	 Rated voltage, kV	0,6/1

Cable sizes

Number of conductors	1	4	5
Minimum conductor size, mm²	35	16	16
Maximum conductor size, mm²	1000	300	300