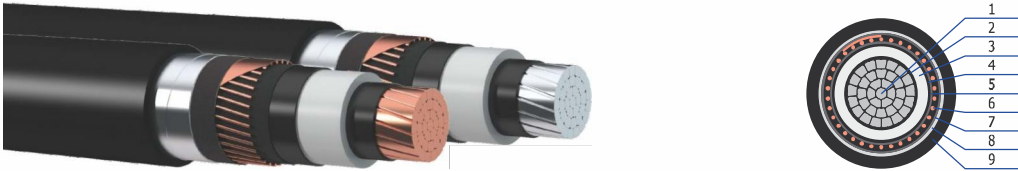


Power cables rated voltage 12/20 kV

NA2XS(FL)2Y, N2XS(FL)2Y, VDE 0276-620, HD 620, IEC 60502-2



Application Power cables for medium voltage distribution with XLPE insulation, concentric copper screen, longitudinal and radial sealing. 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 2 - RMC (stranded, round, compacted);
 - 2. Conductor screen: Semi-conducting XLPE;
 - 3. Insulation: XLPE;
 - 4. Insulation screen: Semi-conducting XLPE;
 - 5. Inner covering: Semiconducting water-swellaable tape;
 - 6. Screen: Copper wires and copper tape, applied helically;
 - 7. Inner covering: Semiconducting water-swellaable tape;
 - 8. Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath;
 - 9. Cover: Weather-resistant black color PE.

Parameters

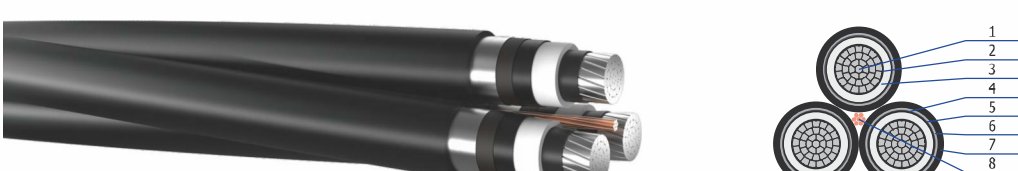
	Exploitation temperature range °C	from -60 to +50
	Short-circuit temperature °C	+250
	Bending radius	15d
	Fire properties	-
	Operating conductor temperature °C	max +90
	Cabling (inside/outside)	inside/outside
	Installation temperature °C	min -20
	Frequency, Hz	50
	Testing voltage, kV	42
	Rated voltage, kV	12/20

Cable sizes

	Al	Cu
Number of conductors	1	
Minimum conductor size, mm²	50/16	35/16
Maximum conductor size, mm²	1000/35	

Power cables rated voltage 12/20 kV

AHXAMK-W, HD 620, IEC 60502-2



Application Power cables for medium voltage distribution with XLPE insulation. Suitable for laying in buildings, in open air, in ground, in cable trays and ducts where mechanical damages are not expected, in wet locations. Suitable for plough cabling.

- Construction**
- 1. Conductor: Aluminum acc. to EN 60228 (water tight). Class 2 - RMC (stranded, round, compacted);
 - 2. Conductor screen: Semi-conducting XLPE;
 - 3. Insulation: XLPE;
 - 4. Insulation screen: Semi-conducting XLPE;
 - 5. Inner covering: Semiconducting water-swellaable tape;
 - 6. Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath;
 - 7. Cover: Weather-resistant black color PE;
 - 8. Assembly of cores: Individually sheathed cores are laid-up around a bare earth conductor.

Parameters

	Exploitation temperature range °C	from -60 to +50
	Short-circuit temperature °C	+250
	Bending radius	12d
	Fire properties	-
	Operating conductor temperature °C	max +90
	Cabling (inside/outside)	inside/outside
	Installation temperature °C	min -20
	Frequency, Hz	50
	Testing voltage, kV	42
	Rated voltage, kV	12/20

Cable sizes

Number of conductors	3
Minimum conductor size, mm²	35/35
Maximum conductor size, mm²	300/70