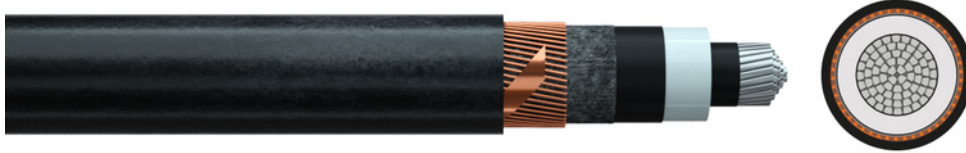


Medium voltage cable (N)A2XSH



Application: For indoor installation and cable ducts for power plant, industrial and distribution networks.

Construction and technical data:

Standard:	VDE 0276-622 (with ref. to)
Conductor material:	aluminium
Conductor construction:	Class 2 = stranded
Insulation:	XLPE DIX8
Electrical field control:	inner and outer semiconducting layer (triple extrusion)
Screen:	Copper wires + counter helix
Sheathing material:	FRNC-compound HM4
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
Smoke density:	DIN EN 61034/IEC 61034
Halogen-free:	DIN EN 50267/IEC 60754
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	15 x Ø
Partial discharge:	2 pC



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

(N)A2XSH 12/20 kV

Nominal voltage U_o:	12 kV
Nominal voltage U:	20 kV
Maximum permitted operating voltage in three-phase systems:	24 kV
Test voltage:	42 kV

part no.	part name		DI [mm]	RI [Ohm/km]	Wi [mm]	Ibl [A]	Ik [kA]	Wm [mm]	Rbv [mm]	Ø [mm]	Fzv [N]	Al	Cu	G [kg]
015264	1X300/25	RMv	21.6	0.1	5.5	496	28.2	2.5	615	41	9000	870	283	2050

DI	diameter conductor
RI	Conductor resistance
Wi	Insulation wall thickness
Ibl	Ampacity in air (30 °C)
Ik	Short-circuit current (1 s)
Wm	Wall thickness of sheath
Rbv	Bending radius, fixed installation
Ø	outer diameter approx.
Fzv	Tensile strength (during installation)
Al	Aluminium weight (GER)
Cu	Copper weight (GER)
G	net weight per 1000