

FRNC power cable NA2XH-J/-O



Application: Low-smoke, zero-halogen, flame-retardant power cable. For fixed indoor and outdoor installation as well as in concrete, but not for direct burial in ground or application in water.

Construction and technical data:

Standard:	VDE 0276-604
Conductor material:	aluminium
Conductor construction:	Class 2 = stranded
Insulation:	XLPE 2X11
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:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	15 x Ø



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.

NA2XH-O

Nominal voltage U_o:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Nominal voltage DC (core-earth/core-core):	1,9/1,9
Test voltage:	4 kV
Protective conductor:	no

part no.	part name		RI [Ohm/km]	Rbv [mm]	Ø [mm]	Al	G [kg]
090083	1X95	RMv	0.32	245	16.3	276	393
090084	1X120	RMv	0.253	266	17.7	348	476
090085	1X150 RM (in Anlehnung)	RMv	0.206	297	19.8	435	579
090086	1X185	RMv	0.164	330	22	536	721
090087	1X240	RMv	0.125	363	24.2	696	902

RI	Conductor resistance
Rbv	Bending radius, fixed installation
Ø	outer diameter approx.
Al	Aluminium weight (GER)
G	net weight per 1000