Starkstromkabel 12/20 kV
Power Cables 12/20 kV

NA2XS(F)2Y



Application

For laying indoors, in cable ducts, outdoors, in ground and water, as well for laying on racks for industrial and switching systems and power stations.
The resistant PE sheath can be subject to heavy mechanical loads during installation and operation.

Standards

DIN VDE 0276 part 620

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	stranded aluminium conductor acc. to DIN VDE 0295 Kl.2 / IEC 60228 cl.2
Core Insulation	conductor screen of semi-conducting compound - XLPE insulation - core screen of semi-conducting compound - semi-conducting swellable tape
Inner Sheath Material	separating tape
Overall Shielding	concentric conductors (copper wires) with copper tape for fixing
Outer Insulation Material	Polyethylene (PE), black

Technical Data

Nominal Voltage	U_0/U: 12 /20 kV
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	42 V
Bending Radius fixed (xD)	15
Operating Temperature solid	-20 °C bis 90 °C
Operating Temperature moving	-20 °C bis 90 °C
Short Circuit Temperature	250 °C
Short Circuit Duration	5 sek.

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Short Circuit Temperature	250 °C
Short Circuit Duration	5 sek.

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Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.	Power Load Earth (A) Power Load Earth (A)	Power Load Air (A) Power Load Air (A)
01706006	1 x 50 rm/16	black - black	784,0	29,0	172	185
01706007	1 x 70 rm/16	black - black	920,0	31,0	210	231
01706001	1 x 95 rm/16	black - black	1.050,0	32,0	251	280
01706004	1 x 120 rm/16	black - black	1.117,0	34,0	285	323
01706002	1 x 150 rm/25	black - black	1.313,0	36,0	319	366
01706005	1 x 185 rm/25	black - black	1.467,0	37,0	361	420
01706003	1 x 240 rm/25	black - black	1.682,0	41,0	417	496
01706009	1 x 300 rm/25	black - black	1.920,0	42,0	471	569
01706008	1 x 400 rm/35	black - black	2.350,0	45,0	535	660
01706011	1 x 500 rm/35	black - black	2.800,0	48,0	609	766
01706012	1 x 630 rm/35	black - black	3.396,0	52,0	675	890
01706021	1 x 800 rm/35	black - black	3.980,0	58,0	750	1015
01706024	1 x 1000 rm/35	black - black	4.670,0	62,0	820	1135

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