Starkstromkabel 18/30 kV
Power Cables 18/30 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: 18 /30 kV
Nominal Volatage DC	U_0/U: 0 /0
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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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)
01807004	1 x 50 rm/16	black - black	998,0	34,0	174	187
01807005	1 x 70 rm/16	black - black	1.128,0	36,0	213	232
01807006	1 x 95 rm/16	black - black	1.255,0	37,0	254	282
01807007	1 x 120 rm/16	black - black	1.375,0	39,0	289	325
01807002	1 x 150 rm/25	black - black	1.573,0	40,0	322	367
01807001	1 x 185 rm/25	black - black	1.740,0	42,0	364	421
01807003	1 x 240 rm/25	black - black	1.979,0	44,0	422	496
01807008	1 x 300 rm/25	black - black	2.221,0	47,0	476	568
01807009	1 x 400 rm/35	black - black	2.674,0	50,0	541	659
01807012	1 x 500 rm/35	black - black	3.132,0	53,0	616	764
01807013	1 x 630 rm/35	black - black	3.696,0	60,0	675	890
01807022	1 x 800 rm/35	black - black	4.480,0	64,0	750	1015

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