Starkstromkabel 6/10 kV
Power Cables 6/10 kV

N2XS2Y



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 copper conductor acc. to DIN VDE 0295 Kl.2 / BS 6360 cl.2 / IEC 60228 cl.2
Core Insulation	conductor screen of semi-conducting compound - XLPE insulation - core screen of semi-conducting compound
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: 6 /10 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.
Fire Classes	Eca

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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.
01504001	1 x 35 rm/16	black - black	800,0	26,0
01504002	1 x 50 rm/16	black - black	1.040,0	27,0
01504003	1 x 70 rm/16	black - black	1.150,0	28,0
01504004	1 x 95 rm/16	black - black	1.555,0	29,0
01504005	1 x 120 rm/16	black - black	1.815,0	31,0
01504006	1 x 150 rm/25	black - black	2.180,0	32,0
01504007	1 x 185 rm/25	black - black	2.400,0	34,0
01504008	1 x 240 rm/25	black - black	3.140,0	36,0
01504009	1 x 300 rm/25	black - black	3.740,0	39,0
01504011	1 x 400 rm/35	black - black	4.750,0	42,0
01504012	1 x 500 rm/35	black - black	5.700,0	45,0

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