Starkstromkabel 6/10 kV
Power Cables 6/10 kV

N2XSY



Application

For laying indoors, in cable ducts, outdoors, in ground, as well for laying on racks for industrial and switching systems and power stations. According to VDE 0276, the cables must be protected from direct sunlight.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

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Standards

DIN VDE 0276 part 620

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

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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
Shielding	copper wire screen
Inner Sheath Material	separating tape
Overall Shielding	Kupferdrahtschirmung mit Gegenwendel
Outer Insulation Material	Polyvinyl chloride, red

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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 70 °C
Operating Temperature moving	-5 °C bis 70 °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.
01503002	1 x 35 rm/16	red - red	900,0	26,0
01503003	1 x 50 rm/16	red - red	1.040,0	26,0
01503004	1 x 70 rm/16	red - red	1.280,0	28,0
01503005	1 x 95 rm/16	red - red	1.555,0	29,0
01503006	1 x 120 rm/16	red - red	1.815,0	31,0
01503007	1 x 150 rm/25	red - red	2.180,0	32,0
01503008	1 x 185 rm/25	red - red	2.560,0	34,0
01503009	1 x 240 rm/25	red - red	3.140,0	36,0
01503010	1 x 300 rm/25	red - red	3.740,0	39,0
01503011	1 x 400 rm/35	red - red	4.670,0	43,0
01503015	1 x 500 rm/35	red - red	5.750,0	45,0

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