## Starkstromkabel 6/10 kV Power Cables 6 / 10 kV



# N2XS2Y



### **Application**

For laying indoors, in cable ducts, indoors, 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 stranded copper conductor acc. to DIN VDE
Conductor 0295 KI.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 concentric conductors (copper wires) with

Shielding copper tape for fixing

Outer Insulation Material Polyethylene (PE), black

## **Technical Data**

Nominal Voltage	U <sub>0</sub> /U: 6 /10 kV
Nominal Volatage DC	U <sub>0</sub> /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
<b>Short Circuit Duration</b>	5 sek.
Fire Classes	Eca

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### Construction

Inner

Conductor

Core Insulation

conductor screen of semi-conducting compound - XLPE insulation - core screen of semi-conducting compound

Inner Sheath Material

concentric conductors (copper wires) with Shielding

Couter Insulation Material

Core Insulation Material

conductor screen of semi-conducting compound separating tape concentric conductors (copper wires) with Shielding

Copper tape for fixing

Polyethylene (PE), black

stranded copper conductor acc. to DIN VDE

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## Starkstromkabel 6/10 kV Power Cables 6 / 10 kV



Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) Weight (kg/km)	Outer-Diameter (mm) Outer-Diameter (mm)
01504001	1 x 35 rm/16	černá - black	800.0	26.0
01504002	1 x 50 rm/16	černá - black	1,040.0	27.0
01504003	1 x 70 rm/16	černá - black	1,150.0	28.0
01504004	1 x 95 rm/16	černá - black	1,555.0	29.0
01504005	1 x 120 rm/16	černá - black	1,815.0	31.0
01504006	1 x 150 rm/25	černá - black	2,180.0	32.0
01504007	1 x 185 rm/25	černá - black	2,400.0	34.0
01504008	1 x 240 rm/25	černá - black	3,140.0	36.0
01504009	1 x 300 rm/25	černá - black	3,740.0	39.0
01504011	1 x 400 rm/35	černá - black	4,750.0	42.0
01504012	1 x 500 rm/35	černá - black	5,700.0	45.0