

NA2XS(F)2Y



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 Conductor stranded aluminium conductor acc. to DIN VDE 0295 KI.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 Trennband
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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Starkstromkabel 12/20 kV

Power Cables 12/20 kV



| Prod. Nr. | Dimensions | Color | Weight (kg/km) approx. | Outer-Diameter (mm) approx. | Power Load Earth (A) | Power Load Air (A) |
|-----------|----------------|---------------|------------------------|-----------------------------|----------------------|--------------------|
| Prod. Nr. | Dimensions | Color | Weight (kg/km) approx. | Outer-Diameter (mm) approx. | Power Load Earth (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 | 40,0 | 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 |

ACS Handels GmbH
Kabel - Leitungen - Zubehör
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

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