

UL 21946 CH 6x0,25mm² halogenfree FR-PE 300V 80°C black

Construction

- conductor: El-Cu stranded wire, bare soft, 14 x 0,15 mm => 0,25 mm², AWG 24
(Cu-ETP1, CW003A according to DIN EN 13602)
- insulation: FR-PE, halogen-free
Colors: optional
Shore hardness (D): 50 ± 3
- Stranding: in layers
- Winding: Polyester foil
- Shielding: El-Cu braid, tinned, optical density: approx. 85 ± 5%
- End jacket: FR-PE, halogen-free
Color: gray, similar to RAL 7032 (optional)
Shore hardness (A): 83 ± 3
Semi-tubular, as smooth and round as possible
- Outer diameter: 5,90 +/- 0,20 mm
- Printing: E472542 according to UL 21946 color: black

Technical specifications:

- Test voltage A/A: > 1,5 kV
A/S: > 1 kV
at 50 Hz rms for 1 minute.
- testing voltage: 2000V AC
- min. insulation resistance: 100 MΩm x km at 20°C
- max. conductor resistance: 78 Ωm/km at 20°C
- Maximum operating voltage: 300 V
- Temperature range:
at rest: -30 to +80°C
in motion: -10 to +80°C
- Min. single bending radius: 8 x outer diameter
Min. multiple bending radius: 15 x outer diameter
- Flame-retardant according to UL 1581 Sec 1061 (Cable Flame Test)
- Flame-retardant according to VDE 0482 Part 332-1-2 / IEC 60332-1-2
- Halogen-free according to DIN VDE 0472 Part 815 / IEC 60754-1
- No corrosive combustion gases according to DIN VDE 0472 Part 813 / IEC 60754-2
- Low smoke development in the event of fire according to IEC 61034-2

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- Further formats available on request
 - All data and products subject to change