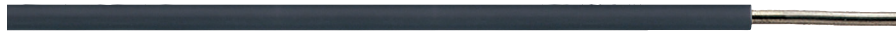


Besilen® - Silicone Cables

N2GFA/2GFA

Besilen® insulated wire acc. to DIN VDE 0250



Construction:

| | |
|--------------------|--|
| Conductor: | solid tinned copper wire acc. to IEC 60228, VDE 0295, class 1 |
| Insulation: | Besilen® EI2 acc. to EN 50363-1 + VDE 0207-363-1 |

Outstanding features:



- halogen-free
- 0,75 mm² VDE standardized
- flexible at low temperatures
- heat resistant

Technical data:

| | |
|--|---|
| Nominal voltage: | U ₀ /U 300/300 V |
| Testing voltage: | 2000 V |
| Min. bending radius: | 7.5 x d |
| Radiation resistance: | 2 x 10 ⁷ cJ/kg |
| Temperature range | |
| <i>fixed laying:</i> | -40/+180 °C |
| <i>flexible application:</i> | -25/+180 °C |
| <i>short-time use:</i> | +250 °C |
| Halogen-free: | acc. to IEC 60754-1 + VDE 0482-754-1 |
| Fire performance: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2 |
| Corrosiveness of conflagration gases: | IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases |
| Chem. resistance: | see chapter N „Technical Data“ |
| Weather resistance: | very good |
| Absence of harmful substances: | acc. to RoHS directive of the European Union see chapter N „Technical Data“ |

| item no. | nominal cross section mm ² | nominal wire-ø mm | outer-ø ± 5% mm | copper figure kg/km | cable weight ≈ kg/km |
|-------------|---------------------------------------|-------------------|-----------------|---------------------|----------------------|
| 0157005...* | 0,50 | 0,80 | 2,1 | 4,8 | 9 |
| 0151007...* | 0,75** | 0,98 | 2,2 | 7,2 | 11 |
| 0157010...* | 1,00 | 1,13 | 2,4 | 9,6 | 14 |
| 0157015...* | 1,50 | 1,38 | 2,8 | 14,4 | 21 |
| 0157025...* | 2,50 | 1,78 | 3,4 | 24,0 | 33 |

Other dimensions and colours are possible on request.

* Colour code for single conductors:

| | |
|---------------------|----------------------|
| ...0 = green-yellow | ...4 = grey |
| ...1 = blue | ...5 = white |
| ...2 = black | ...6 = reddish brown |
| ...3 = brown | ...7 = red |
| | ...9 = nature |

** N2GFA 0,75 mm²
according to DIN VDE 0250 part 502.
Other cross sections with reference to
DIN VDE 0250 part 502.