

ZKBi Besilen® ignition cable



Construction:

| | |
|-------------------------|----------------------------------------------------------------------|
| Conductor: | tinned copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5 |
| Insulation: | Besilen® EI2 acc. to DIN EN 50363-1 |
| Braiding: | fibre-glass |
| Sheath material: | Besilen® 2GM1 acc. to DIN VDE 0207 part 21 |
| Sheath colour: | blue (similar RAL 5012) |

Outstanding features:

- ▶ halogen-free
- ▶ flexible at low temperatures
- ▶ heat resistant
- ▶ voltage-stable

Technical data:

| | |
|----------------------------------------------|------------------------------------------------------------------------------------------------------|
| Testing voltage: | 20000 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 DIN VDE 0472 part 815 + IEC 60754-1 |
| Fire performance: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2 |
| Corrosiveness of conflagration gases: | IEC 60754-2 + EN 50267-2-2 + VDE 0482 part 267-2-2 - no development of corrosive conflagration gases |
| Chem. resistance: | see page N/11 |
| Weather resistance: | very good |
| Absence of harmful substances: | acc. to RoHS directive of the European Union see page N/17 |

| item no. | nominal cross section mm ² | largest single wire ø mm | outer-ø ± 5% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|---------------------------------------|--------------------------|-----------------|---------------------|----------------------|
| 01040101 | 1,00 | 0,21 | 8,0 | 9,6 | 78 |
| 01040115 | 1,50 | 0,26 | 8,5 | 14,4 | 95 |

Other dimensions and colours are possible on request.