

Besilen® - Silicone Cables

HZLBI

Besilen® high-voltage ignition cable

Testing voltage
20 kV



Construction:

Conductor: tinned copper strands 19 x 0,25 mm ϕ
Insulation: Besilen® EI2
acc. to EN 50363-1 + VDE 0207-363-1
Sheath colour: reddish brown (similar RAL 3016)

Outstanding features:

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

Technical data:

Testing voltage: 5 mm ϕ : 15 kV
7 mm ϕ : 20 kV
Min. bending radius: 7.5 x d
Radiation resistance: 2×10^7 cJ/kg
Temperature range
fixed laying: -40/+180 °C
flexible application: -25/+180 °C
short time use: +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	largest single wire ϕ mm	outer- ϕ \pm 10% mm	copper figure kg/km	cable weight \approx kg/km
01050103	1,00	0,26	5,0	9,6	35
01050102	1,00	0,26	7,0	9,6	62

Other dimensions and colours are possible on request.