

HZLBi Besilen® high-voltage ignition cable



Construction:

Conductor:	tinned copper strands 19 x 0,25 mm ø
Insulation:	Besilen® E12 acc. to DIN EN 50363-1
Sheath colour:	reddish brown (similar RAL 3016)

Outstanding features:

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

Technical data:

Testing voltage:	20000 V at 7 mm ø 15000 V at 5 mm ø
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
01050102	1,00	0,26	7,0	9,6	62
01050103	1,00	0,26	5,0	9,6	35

Other dimensions and colours are possible on request.