



- 10 kV high-voltage ignition wire



Product description

Application range

- Areas with high ambient temperatures where conventional core insulation materials will embrittle after a short while
- Typical fields of application
 - Control cabinet manufacturing
 - Appliances and apparatus engineering
 - Electric motor industry
 - Sauna/solarium construction
 - Thermal and heating elements
 - Lighting technology
 - Ventilator engineering
 - Air-conditioning technology
 - Furnace construction
 - Polymer processing
 - Generator and transformer manufacturing

Product Make-up

- Fine-wire, tinned-copper conductor
- Silicone-based insulation

Norm references / Approvals

- Increased voltage rating is not subject to the Low Voltage Directive 2006/95/EC

Product features

- Halogen-free according to IEC 60754-1
- Resistant to a multitude of oils, alcohols, vegetable and animal fats and chemical substances

Technical Data

Classification	ETIM 5.0 Class-ID: EC000993
Conductor stranding	ETIM 5.0 Class-Description: Single core cable Fine wire acc. to VDE 0295, class 5 / IEC 60228 class 5 from 0.5 mm ²
Minimum bending radius	Fixed installation: 6 x core diameter One bend at end of core: 3 x cable diameter
Nominal voltage	Version SiF/GL / SiZ: U ₀ /U 300/500 V Version FZLSi: 10 kV
Test voltage	Version SiF/GL / SiZ: 2000 V Version FZLSi: 20 kV
Temperature range	-50 °C to +180 °C (adequate ventilation required) Short-term: +200°C