

# Temperature-resistant control cable

## LÜTZE THERMOFLEX TH 150



halogenfree

### Application

- In electrical devices with ambient temperatures up to +150 °C
- Heating, climate and ventilation technology

### Properties

- Temperature and hot air resistant control cable
- Halogen-free, no burning transmission
- High electrical dielectric strength
- Good UV and ozone resistance
- Good oil and weathering resistance
- Free from paint wetting disruptive substances (LABS-free), RoHS-compliant

### Technical data

Voltage	
U <sub>0</sub> /U	450/750 V
Test voltage	2500 V
Isolation resistance	min. 200 MΩ × km
Temperature range	
continuous	-50 °C to +150 °C
temporary	to +170 °C
Minimum bending radius	
moving	Cable diameter × 10
fixed	Cable diameter × 4
Burning behaviour	Flame-retardant according to VDE 0482 T 265-2-1; DIN EN 50265-2-1; IEC 60332-1
Halogen-free	according to DIN EN 50264-1; EN 50267-2-1 and 60684-2

### Design

- Bare copper wire, multi-strand according to DIN VDE 0295 class 5, IEC 60228 class 5
- Conductor insulation networked polyolefin
- Conductor colour according to DIN VDE 0293-308 (new)
- 2-wire: brown, blue
- 3-wire: greenyellow, brown, blue
- 4-wire: greenyellow, brown, black, grey
- 5-wire: greenyellow, blue, brown, black, grey
- starting with 6 conductors black with white number print according to DIN EN 50334
- Ground conductor green/yellow according to DIN EN 50334 in the top layer
- Conductors stranded layers
- Jacket networked polyolefin
- Jacket colour black

Part-No.	Number of strands/cross-section	Outer-Ø approx. mm	Weight kg/100 m	Cu-Index kg/100 m
110155	3 × 1,5	8.4	9.5	4.3
110156	4 × 1,5	9.2	12.5	5.8
110157	5 × 1,5	10.1	16.0	7.2
110158	7 × 1,5	10.9	21.0	10.1

CE These products are in conformity to the EC Low Voltage Directive 73/23/EWG or 93/68/EWG respectively