

# Heating Cable

## Robust, for Higher Temperatures

This factory terminated heating cable is ideally suited for trace heating of apparatus, appliances and systems in a dry environment. Preferably used for appliances and systems with high output requirements. Small dimensions and high flexibility simplify the assembly. The outer braiding provides protection against mechanical damages and can be integrated in the electrical protection measures.

### Advantages:

- Factory terminated
- Increased safety through protective braid
- High output
- Ready to be used instantly
- Highly flexible
- Can be used for higher temperatures
- Small bending radius
- Easy to assemble

### Applications:

- Heat tracing on apparatus, appliances and systems
- Devices and systems with high output needs
- Laboratory applications



Type **ELK-HS** up to 450°C



## Technical Information

## Type ELK-HS up to 450 °C

### Data

■ Insulation	E-glass textile
■ Protective braid	1.4301 / SS 304
■ Nominal voltage	230 V
■ Output	Approx. 125 W/m*
■ Operating temp., max.	450 °C
■ Diameter	4.5 mm
■ Bending radius, min.	8 mm
■ Installation temp., min.	Not restricted
■ Moisture proof	No
■ Cold lead length	1.2 m, without plug
■ Protection class	I

### Standards

■ Manufactured according to	DIN VDE 0721 T2
■ Final inspection according to	DIN VDE 0721 T2 1.5 kV AC – 1 min

**\*Note:** The output per meter of heating cable and the maximum possible operating temperatures depend on the respective application. For individual cases, we recommend that you contact our engineers – we will be pleased to advise you.

Designation	Heated length (m)	Nominal output (W)	Art. No.
ELK-HS-0.5	0.5	60	0140102
ELK-HS-1.0	1.0	126	0140105
ELK-HS-1.4	1.4	180	0140108
ELK-HS-2.0	2.0	250	0140113
ELK-HS-3.0	3.0	375	0140114
ELK-HS-4.0	4.0	490	0140119

Not all resistances are available ex stock – please contact us.  
Other lengths upon request.  
Resistance tolerance: +/- 5 %  
Lengths tolerance ± 2%, max. ± 0.25 m.

Designation	Heated length (m)	Nominal output (W)	Art. No.
ELK-HS-5.0	5.0	622	0140120
ELK-HS-6.5	6.5	768	0140124
ELK-HS-8.0	8.0	987	0140125
ELK-HS-10.0	10.0	1260	0140131
ELK-HS-12.6	12.6	1555	0140134
ELK-HS-16.0	16.0	1945	0140137

Cables shall neither intersect nor contact.  
Provide protection by means of circuit breaker FI 30.  
Please observe the standards IEC 62395-2, EN 60519-10.