

Heating Cable

for Highest Output

The preferred use of the heating cable is for glass, quartz or ceramic devices and systems with the highest output requirements in a dry environment. Small dimensions and high flexibility simplify assembly. The heating cable must be installed touch-protected. If you plan to use the heating cable on metal and at an operating temperature in excess of 650 °C, please consult our project engineers.

Advantages:

- Factory terminated
- Highest output
- Highest operating temperatures
- Ready to be used instantly
- Highly flexible
- Small bending radius
- Surface-friendly

Applications:

- Heat tracing on glass, quartz and ceramic devices
- Devices and systems with high output needs
- Laboratory & research applications



Type **ELK-Q** up to 900 °C





Technical Information

Type ELK-Q up to 900 °C

Data

■ Insulation	Quartz textile
■ Nominal voltage	230 V
■ Output	~ 175 W/m*
■ Operating temp., max.	900 °C
■ Diameter	Approx. 4 mm
■ Bending radius, min.	5 x outer diameter
■ Installation temp., min.	Not restricted
■ Moisture proof	No
■ Cold lead length	1.2 m, without plug
■ Protection class	Depending on installation

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-Q 0.6	0.6	106	0160003
ELK-Q 1.0	1.2	138	0160006
ELK-Q 1.4	1.4	270	0160007
ELK-Q 2.0	2.0	319	0160011
ELK-Q 3.1	3.1	533	0160014

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-Q 4.0	4.0	696	0160017
ELK-Q 5.0	5.0	882	0160020
ELK-Q 6.0	6.0	1062	0160023
ELK-Q 8.0	8.0	1438	0160026
ELK-Q 10.0	10.0	1653	0160029

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.