



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.heatingandprocess.com

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.



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