

# Heating Cable Type ELK-Q up to 900°C

Heating wire  
stranded or spirally wound

Insulation  
Textile quartz



Item	Heated length (m)	Output approx. (W)	RL Ω/m	Part no.
ELK-Q 0.6	0.6	106	230	160003
ELK-Q 1.0	1.2	138	230	160006
ELK-Q 1.5	1.4	270	230	160007
ELK-Q 2.0	2.0	319	230	160011
ELK-Q 3.1	3.1	533	230	160014
ELK-Q 4.0	4.0	696	230	160017
ELK-Q 5.0	5.0	822	230	160020
ELK-Q 6.0	6.0	1062	230	160023
ELK-Q 8.0	8.0	1438	230	160026
ELK-Q 10.0	10.0	1653	230	160029

- **Factory terminated**
- **Highest output**
- **Highest working temperature**
- **Can be used instantly**
- **Highest flexibility**
- **Low bending radius**
- **Does not damage the surface**

**Applications:**

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. Low 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, consult our project engineers.

**Technical Data:**

Insulation ..... textile quartz  
 Nominal voltage ..... 230V  
 Output ..... Approx. 175W/m\*  
 Operating temperature max ..... 900°C when switched off  
 Diameter ..... 4mm  
 Minimum bending radius..... 5 x External-Ø  
 Minimum installation temp. .... Not restricted  
 Moisture resistant ..... no  
 Cold end length ..... 1.2m  
 Protection class ..... determined by installation

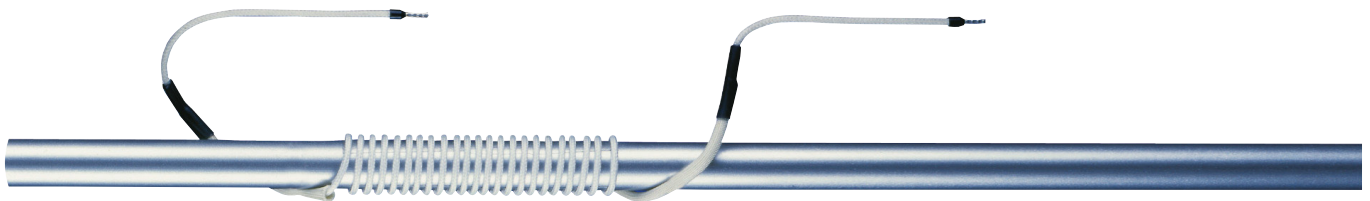
**Standards:**

Manufactured acc. to ..... DIN VDE 0721 T2  
 Short term acc. to DIN VDE 0253 ..... HNMF 1000

Further resistances available upon request

Final inspection acc. to ..... DIN VDE 0721 T2  
 1.5kV AC - 1min.

\*Information: The output per meter of heating cable and the maximum possible working temperatures depend on the respective application. We recommend that you contact our engineers on an individual basis - we will gladly assist you.



October 2012  
01089 ENG