



THORNE &
DERRICK
INTERNATIONAL

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

Heating Tape

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. Single end connection and high flexibility simplify assembly. The heating tape 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
- Single end connection

Applications:

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



Type **ELW-Q** up to 900 °C





Technical Information

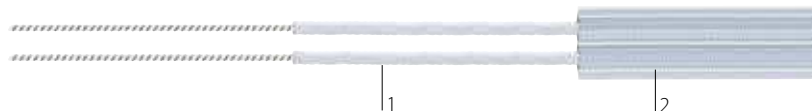
Type ELW-Q up to 900 °C

Data

■ Insulation (1)	Quartz textile
■ Outer jacket (2)	Quartz textile
■ Nominal voltage	230 V
■ Output	350 W/m*
■ Operating temp., max.	900 °C
■ Dimensions (wxh)	Approx. 35 x 6 mm
■ Bending radius, flat, min.	20 mm
■ Installation temp., min.	Not restricted
■ Moisture proof	No
■ Cold lead length	1.2 m, without plug

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.
ELW-Q 0.6	0.60	138	0260003
ELW-Q 0.7	0.70	270	0260005
ELW-Q 1.0	1.00	319	0260008
ELW-Q 1.5	1.55	533	0260012
ELW-Q 2.0	2.00	696	0260014

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.
ELW-Q 2.5	2.50	882	0260017
ELW-Q 3.0	3.00	1062	0260020
ELW-Q 4.0	4.00	1438	0260023
ELW-Q 5.0	5.00	1653	0260026

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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