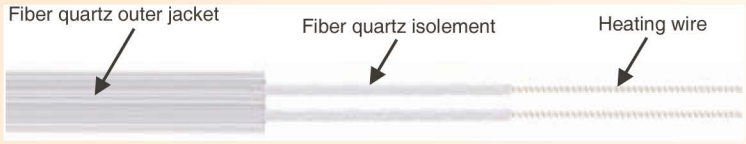
Models ELW-HS

Technical characteristics

- Fibre glass insulation
- Stainless steel AISI 304 earth mesh
- Fibre glass outer cover
- Class I protection
- 1200mm long supply lead
- Dimensions: 30x5mm
- Minimum curvature radius: 10mm
- Maximum working temperature (for ± 250 W/m): +450 °C
- Maximum temperature of the element: +500ºC
- Nominal voltage:: ~230 V

Code	Heating length in mm	W/m	Total Watts
ELW-HS-0,5	500	250	125
ELW-HS-0,7	700	257,1	180
ELW-HS-1	1000	250	250
ELW-HS-1,5	1500	250	375
ELW-HS-2	2000	250	500
ELW-HS-2,5	2500	248	620
ELW-HS-3,2	3200	250	800
ELW-HS-4	4000	250	1000
ELW-HS-5	5000	260	1300
ELW-HS-6,3	6300	254	1600
ELW-HS-7,9	7900	253,2	2000

Models ELW-Q



Características técnicas

- Quartz fibre insulation
- Quartz fibre outer cover
- Protection: it depends on the installation
- 1200mm long supply lead
- Dimensions: 25x6mm
- Minimum curvature radius: 10mm
- Maximum working temperature (for ± 350 W/m): +900 °C
- Maximum temperature of the element: +1000ºC
- Nominal voltage:: ~230 V

Code	Heating length in mm	W/m	Total Watts
ELW-Q-0,5	500	340	170
ELW-Q-0,7	700	385,7	270
ELW-Q-1	1000	350	350
ELW-Q-1,5	1500	366,7	550
ELW-Q-2	2000	350	700
ELW-Q-2,5	2500	352	880
ELW-Q-3	3000	353,3	1060
ELW-Q-4	4000	350	1400
ELW-Q-5	5000	340	1700

MINERAL INSULATION HEATING LEAD, MODELS ELK-MI

Mineral insulation leads are normally used in bitumen production plants, gas plants, petrol refineries, reactors and in general whenever high temperature maintenance needs to be carried out.

They can be installed in all those applications requiring high power density combined with high temperature.

ELK-MI mineral lead is supplied finished and ready for installing, with 700mm inactive zones at both ends and M20x1.5 connectors.

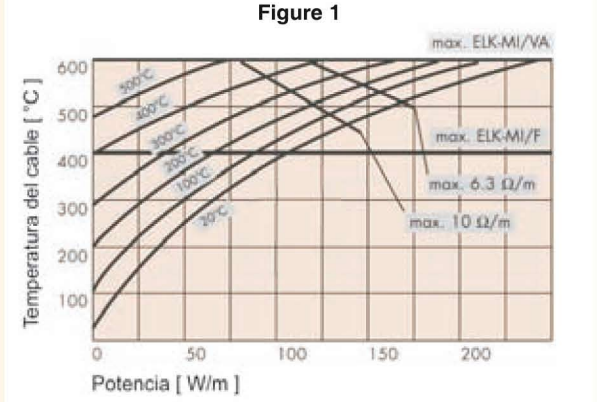
In your order, the following parameters should be stated:

- Heating length (in mm)
- Nominal supply voltage
- Maximum working temperature

Technical characteristics

- Magnesium oxide insulation
- CuNi stainless steel 1.4541(AISI 321) alloy outer cover
- Cold ends on both sides 700 mm long.
- Dimensions according to ohmic value: Min Ø3.2 mm Max Ø6.5 mm
- Minimum curvature radius: 5 times the diameter
- Maximum working temperature: see Graph 1
- Maximum temperature of the element:
  - Range ELK-MI/F: +400 °C
  - Range ELK-MI/VA: +600 °C
- Maximum power: Up to 150 W/m depending on the temperature. See Graph 1
- Nominal voltage: Up to 500 V

Figure 1



Generally, maximum working temperature is known (in the piping or superficial temperature). The intersection with the working temperature curves shows us the relationship between the maximum temperature of the lead (vertical) and its maximum lineal power (horizontal).

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