

## TEMPERATURE MAINTENANCE SYSTEMS

## CV/I Fibre glass insulated cables



### Characteristics

- Highly flexible.
- High power: 125 W/m.
- High temperature, up to 450°C.
- Not protected against humidity.
- Minimum bend greater than 10 mm.
- Power cable : standard length 500 mm.
- Fibre glass insulated cables with stainless steel braid and earthing conductor.
- Special production on request.

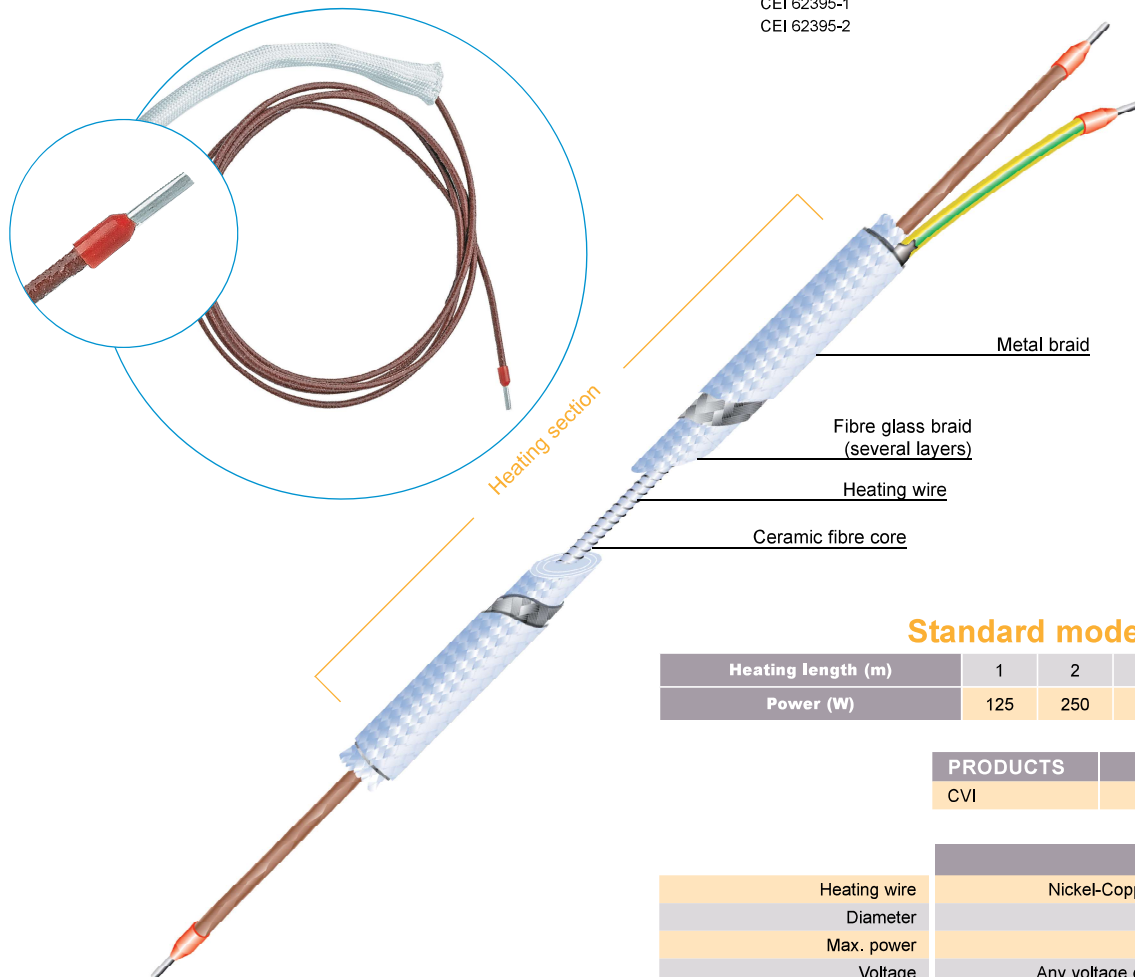
### Applications

Fibre glass insulated CV/I heating cables are mainly for use in laboratories and in industrial applications when it is required to heat quickly to a high temperature. These cables are very flexible but as they are not sealed they can be used only in a dry atmosphere, and in compliance with the electrical protection instructions in force.

To ensure that these heating elements enjoy a long service life, we recommend using a control device.

### Standards

CEI 62395-1  
CEI 62395-2



### Standard models

Heating length (m)	1	2	4	6	8	10
Power (W)	125	250	500	750	1000	1250

PRODUCTS	INSULATION CLASS
CVI	CLASS I (earthing)

CVI	
Heating wire	Nickel-Copper or Nickel-Chrome
Diameter	5 mm
Max. power	125 W/m
Voltage	Any voltage on request up to 230 V
Permissible surface temperature	up to + 450°C
Tolerances	Power : ± 10 % Diameter : ± 0.5 mm Length : ± 1 %
Connection insulation	Fibre class
Protection	With earth
Ingress protection code	IP 40

### Use

Heating cables are series resistors. Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

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