

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.

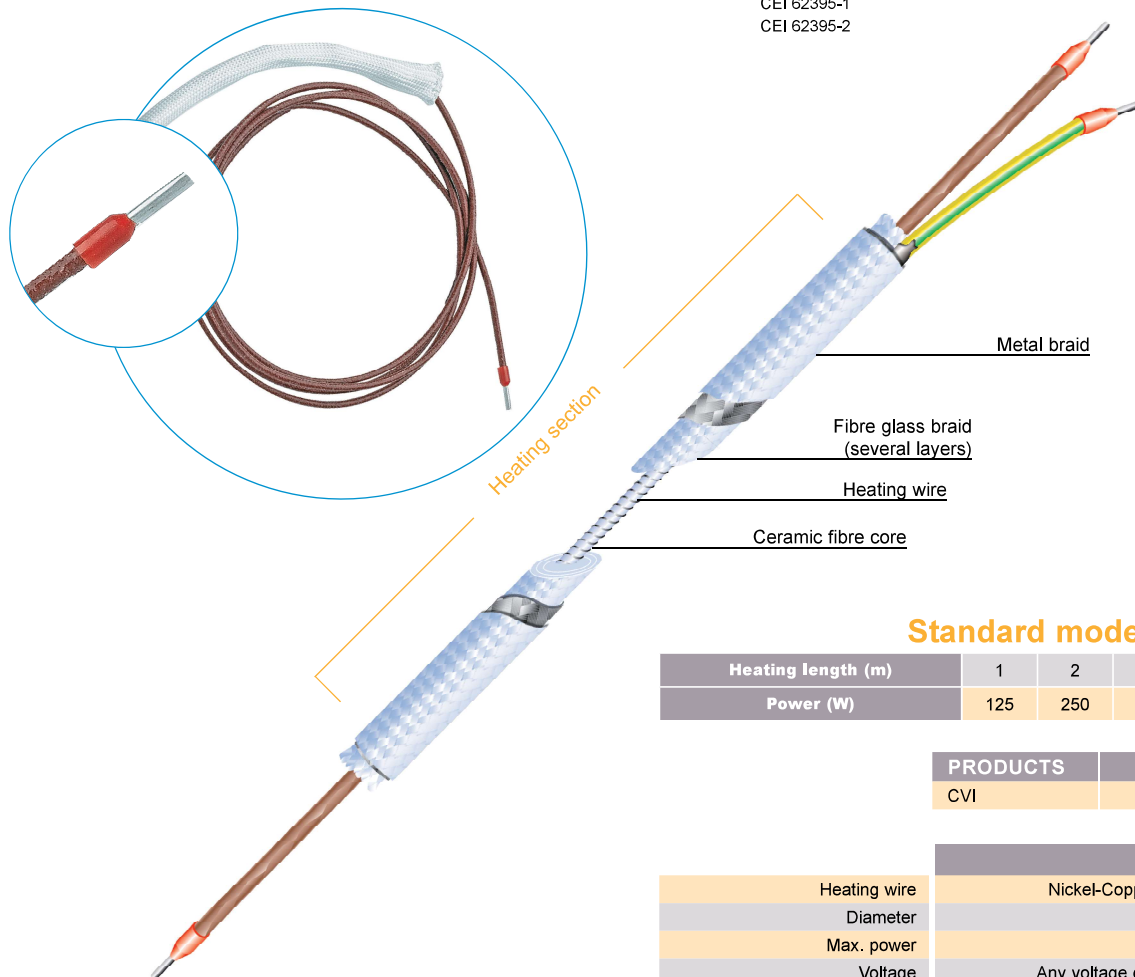
Applications

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.

FLEXELEC S.A.S

10, rue des frères Lumière
Z.A. du Bois Rond
69720 ST BONNET DE MURE - FRANCE
Tél : + 33 (0)4.72.48.30.90

E-mail : flexelec@omerin.com

FLEXELEC Dept

OMERIN ASIA Pte Ltd
51 Goldhill Plaza #08-11
SINGAPORE 308900
Tel : + 65.6255.4778
Fax : + 65.6255.4779
E-mail : sales@omerin.com.sg

FLEXELEC (UK) Ltd

Unit 11 Kings Park Industrial Estate
Primrose Hill - KINGS LANGLEY
Hertfordshire - WD4 8ST - UK
Tel : + 44 (0) 1923.274477
Fax : + 44 (0) 1923.270264
E-mail : sales@omerin.co.uk

FLEXELEC Dept

OMERIN GmbH
Buchwiese 16
D-65510 IDSTEIN - GERMANY
Tel : + 49 (0) 6126.94.31-0
Fax : + 49 (0) 6126.83.999
E-mail : omeringmbh@omerin.com