



**ENGINEERED SOLUTIONS**  
FOR HEATING & SENSING

# FLOOR HEATING CABLES



**MARATHON HEATER (I) PVT.**

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## Advantages

- Easy installation and can be installed in any area in the house and any type of flooring.
- Can be an excellent option for low-energy homes.
- Works quietly from beneath the tiles/plywood.
- Underfloor heating distributes heat where it is needed, resulting in maximum heat efficiency and only very little heat loss.
- Easy to control required temperature in all weather by digital temperature controller with thermostat.
- For optimal protection, Marathon floor heating cables are insulated using ETFE on both the conductors and PVC (HR-FR) on the outer jacket.
- Marathon floor heating cables have been developed particularly to deliver primary heating beneath a variety of flooring. To facilitate 'tape-down' installation, the cables are also available into the preassembled fiber glass mats.

## Features

<b>Shielding Coverage</b>	100% Coverage
<b>Bending Radius</b>	5 times of cable thickness
<b>Jacketing</b>	Heat Resistant and Flame Retardant Jacketing
<b>Flexibility of Cable</b>	Excellent Flexibility for easy installation
<b>Long Cold Lead</b>	3.5 meter cold tail (Can be customized as per requirement)
<b>Comfort</b>	Higher degrees of comfort can be achieved by using heating cables with close and consistent spacing, as well as thermostat to determine temperature needs.
<b>Range</b>	Standard heat loads are available in 120 watt to 2400 watt. As part of the offered product range, several sizes for various types / sizes of flooring are also available.
<b>Custom-Built</b>	In addition to this broad range, cables can be customized to meet specific length requirements, as well as heat loads and voltage needs.

## Application

- Remove any trash and sharp protrusions from the subfloor.
- Prior to installation, consider deflection and structural factors.
- Before installing the cable, check its applicability according to the instructions.
- Prior to putting floor coverings, consider using a scratch coat or a thin leveler.
- Install Heat Resistant Insulation Sheet if want to reduce heat loss (Optional).
- Install Marathon Floor Heating Cable on Plastic Molded Spacer or Aluminium Mounting Tape or similar spacer according to the manufacturer's installation directions.
- Set up a digital temperature controller with thermostat for sensing the floor.
- Install the floor covering according to the manufacturer's directions.

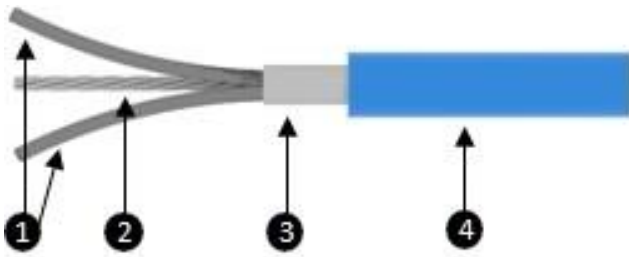


## Maintenance & Warranty

Marathon floor heating cable requires no maintenance for the remainder of its warranted life when installed according to the installation instructions and adequate testing has been completed throughout.

Marathon warranty protects the Marathon heating cable for a period of 20 years against manufacturer's faults.

## FLOOR HEATING CABLE (FHC-DE-240V-03 )



- 1 ETFE Insulated Dual Heating Element
- 2 Multi-strand Earth Wire
- 3 Al Foil for 100% Shielding
- 4 PVC (HR-FR) Insulated Outer Jacket

### Construction

Element Conductor size	0.125mm <sup>2</sup> /0.54mm <sup>2</sup> CuNi/Cu/SS/kanthal- Two Core Solid
Insulation	ETFE
Shielding	Aluminium Foil For 100% Coverage
Earth Wire	TPC 1.0mm <sup>2</sup> (Multi-strand)
Jacket	PVC (HR-FR)
Power Output per Foot	03 Watt / Foot
Standard Voltage	240 Volt AC

### Range

Model	Watts	Cable Length (Foot)
FHC-DE-240V-03-120	120	40
FHC-DE-240V-03-180	180	60
FHC-DE-240V-03-240	240	80
FHC-DE-240V-03-300	300	100
FHC-DE-240V-03-360	360	120
FHC-DE-240V-03-420	420	140
FHC-DE-240V-03-480	480	160
FHC-DE-240V-03-540	540	180
FHC-DE-240V-03-600	600	200
FHC-DE-240V-03-660	660	220
FHC-DE-240V-03-720	720	240
FHC-DE-240V-03-840	840	280
FHC-DE-240V-03-960	960	320
FHC-DE-240V-03-1080	1080	360
FHC-DE-240V-03-1200	1200	400
FHC-DE-240V-03-1320	1320	440
FHC-DE-240V-03-1440	1440	480
FHC-DE-240V-03-1680	1680	560
FHC-DE-240V-03-1920	1920	640
FHC-DE-240V-03-2160	2160	720
FHC-DE-240V-03-2400	2400	800