



**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 FEP 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 150 watt to 2250 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.

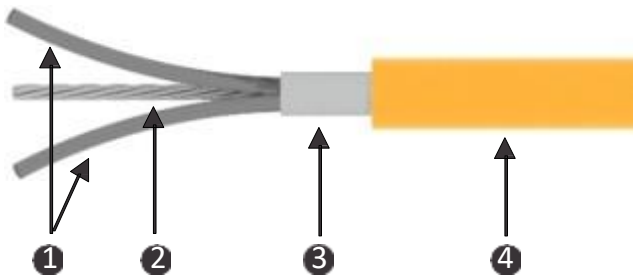


## Maintenance & Warranty

Marathon floor heating cable requires no maintenance for the remainder of its warrantied 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-DF-15.7)



- 1 FEP 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	0.050mm <sup>2</sup> /0.13mm <sup>2</sup> CuNi- Two Core
Insulation	FEP
Shielding	Aluminium Foil For 100% Coverage
Earth Wire	TPC0.50mm <sup>2</sup> (Multi-strand)
Jacket	PVC (HR-FR)
Power Output per Meter	15.7 Watt / Meter
Standard Voltage	230 Volt AC

### Range

Model	Watts	Cable Length (Meter)
FHC-DF-15.7-150	150	9.55
FHC-DF-15.7-187.5	187.5	11.94
FHC-DF-15.7-225	225	14.33
FHC-DF-15.7-262.5	262.5	16.72
FHC-DF-15.7-300	300	19.11
FHC-DF-15.7-337.5	337.4	21.50
FHC-DF-15.7-375	375	23.89
FHC-DF-15.7-450	450	28.66
FHC-DF-15.7-525	525	33.44
FHC-DF-15.7-600	600	38.22
FHC-DF-15.7-675	675	42.99
FHC-DF-15.7-750	750	47.77
FHC-DF-15.7-900	900	57.32
FHC-DF-15.7-1050	1050	66.88
FHC-DF-15.7-1200	1200	76.43
FHC-DF-15.7-1350	1350	85.99
FHC-DF-15.7-1500	1500	95.54
FHC-DF-15.7-1650	1650	105.10
FHC-DF-15.7-1800	1800	114.65
FHC-DF-15.7-1950	1950	124.20
FHC-DF-15.7-2250	2250	143.31