



**FHTC**

## BRI-THIN Floor Heating Cable for Installation with Strapping

### Features

#### Voltage

- 120V, 240/208V, 1-phase.

#### Cold lead length

- 10' (3 m).

#### Construction

- Heating cable made of a twin conductor for a simpler and faster installation, compatible with uncoupling membrane systems.

#### Watt density

- Up to 12 W/sq. ft. (130W/sq. m), 4" (102 mm) spacing.  
- 4W/ft. linear output.

#### Cable diameter

- 1/8" (3.3 mm).

#### Control

- Two types of control method possible (see instruction manual for details):

- Surface heating control with electronic thermostat in floor mode (F) and temperature sensor.
- Ambient heating control with electronic thermostat in ambient mode with floor limit (A or AF) and temperature sensor.

*Note: A ground fault circuit interrupter (GFCI) must be used with this heating device unless exempted by the applicable national and/or local electrical code for the area of installation.*

#### Included materials

- Plastic strapping.  
- Measurements table label (to be placed in electrical panel).

#### Installation

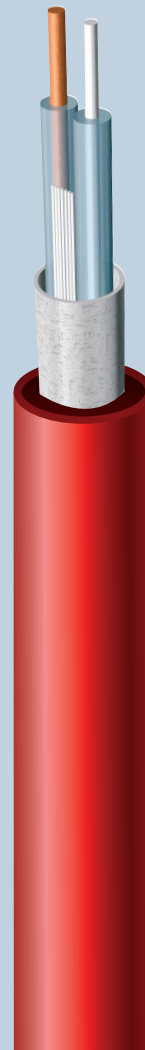
- **Never cut or shorten the heating cable.**  
- For indoor applications only.  
- On concrete slab or plywood subfloor or existing sub-floor.

#### Warranty

- 20-year warranty on the heating cable.

#### Application

- Kitchen, bathroom, entrance way, family room, living room.





### 120V Models

Watts	Product # 120V	Amp.	Resistance Ohms	Covered surface <sup>1</sup> sq. ft.	Cable length ft.
67	FHTC120-67	0.6	214.9	5 to 7	17
120	FHTC120-120	1.0	120.0	8 to 12	30
192	FHTC120-192	1.6	75.0	13 to 20	51
312	FHTC120-312	2.6	46.2	21 to 30	87
396	FHTC120-396	3.3	36.4	31 to 40	107
480	FHTC120-480	4.0	30.0	41 to 50	128
612	FHTC120-612	5.1	23.5	51 to 60	156
756	FHTC120-756	6.3	19.0	61 to 75	194
900	FHTC120-900	7.5	16.0	76 to 90	225
1056	FHTC120-1056	8.8	13.6	91 to 105	287
1192	FHTC120-1192	9.9	12.1	106 to 120	298
1376	FHTC120-1376	11.5	10.5	121 to 140	344
1558	FHTC120-1558	13.0	9.2	141 to 155	390
1620	FHTC120-1620	13.5	8.9	156 to 170	405

### 240/208V Models

Watts	Product # 240/208V	Amp.	Resistance Ohms	Covered surface <sup>1</sup> sq. ft.	Cable length ft.
133	FHTC240-133	0.6	433.1	9 to 15	33
240	FHTC240-240	1.0	240.0	16 to 25	60
384	FHTC240-384	1.6	150.0	26 to 40	102
624	FHTC240-624	2.6	92.3	41 to 60	174
792	FHTC240-792	3.3	72.7	61 to 80	213
960	FHTC240-960	4.0	60.0	81 to 95	256
1224	FHTC240-1224	5.1	47.1	96 to 125	312
1512	FHTC240-1512	6.3	38.1	126 to 150	387
1800	FHTC240-1800	7.5	32.0	151 to 180	449
2016	FHTC240-2016	8.4	28.6	181 to 200	515
2400	FHTC240-2400	10.0	24.0	201 to 240	592
2590	FHTC240-2590	10.8	22.2	241 to 260	649
2750	FHTC240-2750	11.5	20.9	261 to 275	688
2990	FHTC240-2990	12.5	19.3	276 to 300	748
3240	FHTC240-3240	13.5	17.8	301 to 325	810

<sup>1</sup> Does not represent the surface of the room but rather the surface covered by the floor heating system, excluding the fixtures and other spaces to consider.  
208V = 75% of wattage at 240V.

### Options

Product # Kit	Description
OTM-CC	CableCheck - Electrical fault indicator
KIT-SP1	Repair kit
KIT-CBL-SN	15 ft. (4.6 m) floor sensor
KIT-CBL-G25	25 ft. (7.6 m) plastic strapping