



### Description

FHCT is the safest, economical and easiest-to-install way to warm floors and provide years of lasting comfort.

### Features

- Single point connection, easy to install
- Twin conductor cable with screen, no measurable electromagnetic fields
- Various sizes of floor heating cables are designed to fit the heated area of any floor
- Compatibility with all standard subflooring materials, and its low 1/8" (3.5mm) profile, make it ideal for renovation projects.
- Safety approved for wet locations
- Durable construction
- 25-year limited warranty against manufacturing defects

### Cable specifications

Cable Construction	Twin conductor
Operating voltage	120V, 240V
Power output	3W/ft
Cable diameter	1/8" (3.5mm)
Min. bending radius	25mm
Conductor insulation	Fluoropolymer
Outer insulation	PVC
Max. ambient temperature	80°F (28°C)
Min. installation temperature	40°F (5°C)
Cold lead	10ft (3m) length

### Recommended Thermostat Technical Information

Functions	On/Off control, digital display, 7-day programmable
Supply Voltage	120/240V, 50/60 Hz
Max. switching current	16 Amp
Temperature control range	5 to 40°C
Ambient range	0 to 40°C
Floor temperature sensor	2-wire, 3.0m lead wire

Catalog number	Cable length ft	Power output W	Current A	Resistance Ohms
<b>120V, 3W/ft FHCT</b>				
FHCT-120-1	40	120	1.0	120.0
FHCT-180-1	60	180	1.5	80.0
FHCT-240-1	80	240	2.0	60.0
FHCT-300-1	100	300	2.5	48.0
FHCT-360-1	120	360	3.0	40.0
FHCT-420-1	140	420	3.5	34.3
FHCT-480-1	160	480	4.0	30.0
FHCT-600-1	200	600	5.0	24.0
FHCT-720-1	240	720	6.0	20.0
FHCT-840-1	280	840	7.0	17.1
FHCT-960-1	320	960	8.0	15.0
FHCT-1080-1	360	1080	9.0	13.3
FHCT-1200-1	400	1200	10.0	12.0
<b>240V, 3W/ft FHCT</b>				
FHCT-240-2	80	240	1.0	240.0
FHCT-360-2	120	360	1.5	160.0
FHCT-480-2	160	480	2.0	120.0
FHCT-600-2	200	600	2.5	96.0
FHCT-720-2	240	720	3.0	80.0
FHCT-840-2	280	840	3.5	68.6
FHCT-960-2	320	960	4.0	60.0
FHCT-1200-2	400	1200	5.0	48.0
FHCT-1440-2	480	1440	6.0	40.0
FHCT-1680-2	560	1680	7.0	34.2
FHCT-1920-2	640	1920	8.0	30.0
FHCT-2160-2	720	2160	9.0	26.6
FHCT-2400-2	800	2400	10.0	24.0