

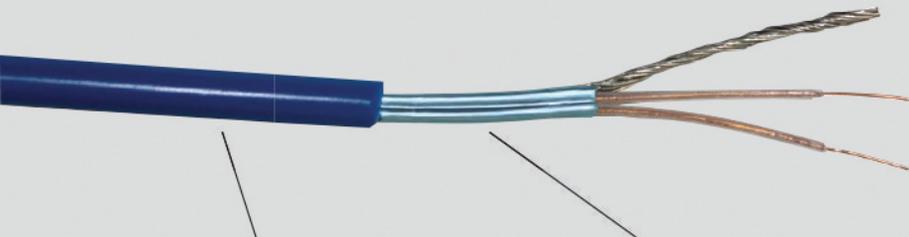
# Electric Floor Heat

*Introducing the highest quality, easiest to install in-floor heating solution available.*

- ✓ Professional-grade quality components
- ✓ Effective beneath engineered wood, tile and stone
- ✓ Emits zero EMF (electromagnetic fields)
- ✓ Innovative strapping system speeds installation
- ✓ Approved for wet and dry locations
- ✓ Twenty-year limited warranty

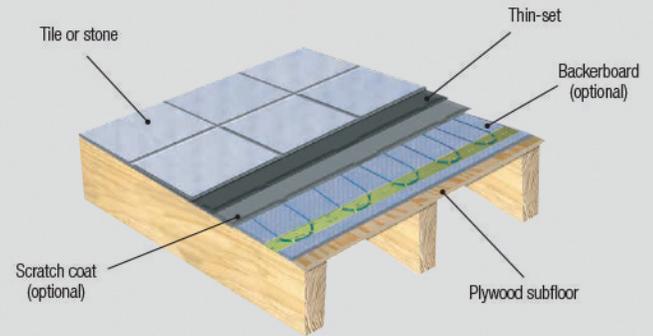
## Technical Information

Cable Type	Twin heating conductors with ground
Conductor Insulation	Fluoropolymer
Outer Jacket Insulation	Rugged PVC jacket
Cable Diameter	1/8" to 1/6" (3.2mm to 4.2mm)
Heating Cable Length	From 40' (12.2 m) to 960' (292.6 m)
Minimum Bending Radius	1" (25.4mm)
Voltage Ratings	120V and 240V. (240V cables are approved for 208V applications, power output wattage is reduced by 25%.)
Output Rating (linear)	3 watts per linear ft, 9.9 watts per linear meter
Output Rating (area)	2" Spacing 18 watts/ft <sup>2</sup> , 194 watts/m <sup>2</sup> 3" Spacing 12 watts/ft <sup>2</sup> , 129 watts/m <sup>2</sup> 4" Spacing 9 watts/ft <sup>2</sup> , 97 watts/m <sup>2</sup>
Cold lead for Power Connection	2-wire 16 AWG plus ground braid; 10ft ( 3m) length

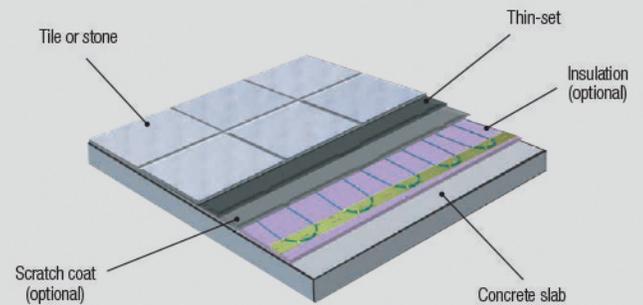


*The flexible PVC outer jacket unrolls flat for a fast tangle-free installation.*

*The aluminum sheath completely eliminates electromagnetic fields.*



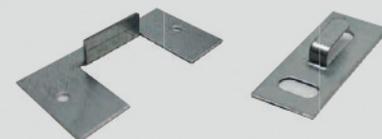
**Recommended cable spacing:** *Three-inches when installed over wood sub-floor.*



**Recommended cable spacing:** *Two-inches when installed over concrete slab; three-inches when installed over insulated concrete slab.*



**Cable box contents:** *Each cable box includes a reel of cable, two nail plates, single-hole straps and installation manual. Fast-Set Strapping is sold separately.*



# Electric In-Floor Heating Cable



### Model Code:

**FC 12 120 -3**  
**A B C D**

- A: Floor Cable**
- B: 12 - 120V**  
24 - 240V
- C: Watts (120 to 2880)**
- D: -3 - Includes strapping**  
-T - Includes thermostat  
-TA - Thermostat & alarm

In-Floor Heating Cable provides comfort and well-being through radiant heating. Ideal for kitchens & bathrooms.

### FC Electric In-Floor Heating Cable Features

- Provides everything needed for easy installation
- 3 Watts/Ft., available in 120V and 240V
- Innovative strapping system included
- 10 Ft. Cold Lead
- Twenty year limited warranty
- No EMF, twin conductor
- Pre-sized kits range from 5 to 320 square feet
- For use with engineered wood, laminate wood, tile, stone floors
- Professional grade quality components
- Phone & email support, online video for easy installation steps
- Tefzel® Insulation, PVC Jacket



**120V**

MODEL	UPC	VOLTS	STANDARD (3" SPACING)	(2" SPACING)	(4" SPACING)	WATTS	AMPS	INCLUDED STRAPPING
FC12120-3	40228	120	10 SQ. FT.	5 SQ. FT.	15 SQ. FT.	120	1.0	10 PCS
FC12180-3	40229	120	15 SQ. FT.	10 SQ. FT.	20 SQ. FT.	180	1.5	12 PCS
FC12240-3	40230	120	20 SQ. FT.	15 SQ. FT.	25 SQ. FT.	240	2.0	20 PCS
FC12300-3	40231	120	25 SQ. FT.	18 SQ. FT.	35 SQ. FT.	300	2.5	20 PCS
FC12360-3	40232	120	30 SQ. FT.	20 SQ. FT.	40 SQ. FT.	360	3.0	20 PCS
FC12480-3	40233	120	40 SQ. FT.	25 SQ. FT.	55 SQ. FT.	480	4.0	30 PCS
FC12600-3	40234	120	50 SQ. FT.	35 SQ. FT.	65 SQ. FT.	600	5.0	30 PCS
FC12720-3	40235	120	60 SQ. FT.	40 SQ. FT.	80 SQ. FT.	720	6.0	40 PCS
FC12840-3	40236	120	70 SQ. FT.	45 SQ. FT.	95 SQ. FT.	840	7.0	40 PCS
FC12960-3	40237	120	80 SQ. FT.	55 SQ. FT.	105 SQ. FT.	960	8.0	50 PCS
FC121080-3	40238	120	90 SQ. FT.	60 SQ. FT.	120 SQ. FT.	1080	9.0	50 PCS
FC121200-3	40239	120	100 SQ. FT.	65 SQ. FT.	135 SQ. FT.	1200	10.0	60 PCS

**240V**

MODEL	UPC	VOLTS	STANDARD (3" SPACING)	(2" SPACING)	(4" SPACING)	WATTS	AMPS	INCLUDED STRAPPING
FC24240-3	40240	240	20 SQ. FT.	15 SQ. FT.	25 SQ. FT.	240	1.0	20 PCS
FC24360-3	40241	240	30 SQ. FT.	20 SQ. FT.	40 SQ. FT.	360	1.5	20 PCS
FC24480-3	40242	240	40 SQ. FT.	25 SQ. FT.	55 SQ. FT.	480	2.0	30 PCS
FC24600-3	40243	240	50 SQ. FT.	35 SQ. FT.	65 SQ. FT.	600	2.5	30 PCS
FC24720-3	40244	240	60 SQ. FT.	40 SQ. FT.	80 SQ. FT.	720	3.0	40 PCS
FC24840-3	40245	240	70 SQ. FT.	45 SQ. FT.	95 SQ. FT.	840	3.5	40 PCS
FC24960-3	40246	240	80 SQ. FT.	55 SQ. FT.	105 SQ. FT.	960	4.0	50 PCS
FC241080-3	40247	240	90 SQ. FT.	60 SQ. FT.	120 SQ. FT.	1080	4.5	50 PCS
FC241200-3	40248	240	100 SQ. FT.	65 SQ. FT.	135 SQ. FT.	1200	5.0	60 PCS
FC241320-3	40249	240	110 SQ. FT.	75 SQ. FT.	145 SQ. FT.	1320	5.5	60 PCS
FC241440-3	40250	240	120 SQ. FT.	80 SQ. FT.	160 SQ. FT.	1440	6.0	60 PCS
FC241680-3	40251	240	140 SQ. FT.	95 SQ. FT.	190 SQ. FT.	1680	7.0	70 PCS
FC241920-3	40252	240	160 SQ. FT.	105 SQ. FT.	210 SQ. FT.	1920	8.0	80 PCS
FC242160-3	40253	240	180 SQ. FT.	120 SQ. FT.	240 SQ. FT.	2160	9.0	80 PCS
FC242400-3	40254	240	200 SQ. FT.	135 SQ. FT.	265 SQ. FT.	2400	10.0	90 PCS
FC242880-3	40390	240	240 SQ. FT.	160 SQ. FT.	320 SQ. FT.	2880	12.0	90 PCS

### ACCESSORIES

-3T

Packaged with F902GFCI Thermostat

-3TA

Packaged with F902GFCI Thermostat and Cable Alarm

See FC/FCM Accessories page 5 for complete listing of accessories



Strapping

Cable Alarm

Floor Sensor

F902 GFCI Thermostat