



### 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 3.6 mm 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	230V
Power output	12W/m, 16W/m, 18W/m, 20W/m
Cable diameter	3.6mm
Min. bending radius	25mm
Conductor insulation	Fluoropolymer
Outer insulation	PVC
Max. ambient temperature	30°C
Min. installation temperature	5°C
Cold lead	2.5m length

### Thermostat specifications

Functions	On/Off control, digital display, 7-day programmable
Supply Voltage	230V, 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 m	Power output W	Current A	Resistance Ohms
230V, 12W/m FHCT				
FHCT12-150	12.5	150	0.7	352.7
FHCT12-225	19.0	225	1.0	235.1
FHCT12-300	25.0	300	1.3	176.3
FHCT12-375	31.5	375	1.6	141.1
FHCT12-450	37.5	450	2.0	117.6
FHCT12-525	44.0	525	2.3	100.8
FHCT12-600	50.0	600	2.6	88.2
FHCT12-675	56.5	675	2.9	78.4
FHCT12-750	62.5	750	3.3	70.5
FHCT12-900	75.0	900	3.9	58.8
FHCT12-1050	87.5	1050	4.6	50.4
FHCT12-1200	100.0	1200	5.2	44.1
FHCT12-1350	112.5	1350	5.9	39.2
FHCT12-1500	125.0	1500	6.5	35.3
FHCT12-1800	150.0	1800	7.8	29.4
230V, 16W/m FHCT				
FHCT16-200	12.5	200	0.9	264.5
FHCT16-300	19.0	300	1.3	176.3
FHCT16-400	25.0	400	1.7	132.3
FHCT16-500	31.5	500	2.2	105.8
FHCT16-600	37.5	600	2.6	88.2
FHCT16-700	44.0	700	3.0	75.6
FHCT16-800	50.0	800	3.5	66.1
FHCT16-900	56.5	900	3.9	58.8
FHCT16-1000	62.5	1000	4.3	52.9
FHCT16-1200	75.0	1200	5.2	44.1
FHCT16-1400	87.5	1400	6.1	37.8
FHCT16-1600	100.0	1600	7.0	33.1
FHCT16-1800	112.5	1800	7.8	29.4
FHCT16-2000	125.0	2000	8.7	26.5
FHCT16-2400	150.0	2400	10.4	22.0

Catalog number	Cable length m	Power output W	Current A	Resistance Ohms
230V, 18W/m FHCT				
FHCT18-180	10.4	180	0.8	293.9
FHCT18-280	15.3	280	1.2	188.9
FHCT18-370	20.3	370	1.6	143.0
FHCT18-460	25.7	460	2.0	115.0
FHCT18-550	30.6	550	2.4	96.2
FHCT18-650	35.5	650	2.8	81.4
FHCT18-750	41.0	750	3.3	70.5
FHCT18-850	47.0	850	3.7	62.2
FHCT18-1100	61.5	1100	4.8	48.1
FHCT18-1300	70.5	1300	5.7	40.7
FHCT18-1500	81.5	1500	6.5	35.3
FHCT18-1700	94.0	1700	7.4	31.1
FHCT18-1900	106.0	1900	8.3	27.8
FHCT18-2200	122.7	2200	9.6	24.0
FHCT18-2500	144.0	2500	10.9	21.2
230V, 20W/m FHCT				
FHCT20-200	9.4	200	0.9	264.5
FHCT20-300	14.3	300	1.3	176.3
FHCT20-400	18.8	400	1.7	132.3
FHCT20-500	23.7	500	2.2	105.8
FHCT20-600	28.2	600	2.6	88.2
FHCT20-700	33.0	700	3.0	75.6
FHCT20-800	38.5	800	3.5	66.1
FHCT20-900	44.5	900	3.9	58.8
FHCT20-1000	50.7	1000	4.3	52.9
FHCT20-1200	56.5	1200	5.2	44.1
FHCT20-1400	66.0	1400	6.1	37.8
FHCT20-1600	76.5	1600	7.0	33.1
FHCT20-1800	89.0	1800	7.8	29.4
FHCT20-2000	101.0	2000	8.7	26.5
FHCT20-2300	117.0	2300	10.0	23.0
FHCT20-2700	133.0	2700	11.7	19.6