



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 | | | | |
| FHCT18-185 | 10.2 | 185 | 0.8 | 285.9 |
| 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 |
| FHCT18-1060 | 59.0 | 1060 | 4.6 | 49.9 |
| FHCT18-1270 | 70.8 | 1270 | 5.5 | 41.7 |
| FHCT18-1470 | 81.7 | 1470 | 6.4 | 36.0 |
| FHCT18-1660 | 91.8 | 1660 | 7.2 | 31.9 |
| FHCT18-1900 | 106.0 | 1900 | 8.3 | 27.8 |
| FHCT18-2200 | 122.7 | 2200 | 9.6 | 24.0 |
| FHCT18-2550 | 141.1 | 2550 | 11.1 | 20.7 |
| 230V, 20W/m FHCT | | | | |
| FHCT20-195 | 9.6 | 195 | 0.8 | 271.3 |
| FHCT20-295 | 14.5 | 295 | 1.3 | 179.3 |
| FHCT20-390 | 19.3 | 390 | 1.7 | 135.6 |
| FHCT20-490 | 24.2 | 490 | 2.1 | 108.0 |
| FHCT20-580 | 29.0 | 580 | 2.5 | 91.2 |
| FHCT20-680 | 33.9 | 680 | 3.0 | 77.8 |
| FHCT20-780 | 38.7 | 780 | 3.4 | 67.8 |
| FHCT20-880 | 43.6 | 880 | 3.8 | 60.1 |
| FHCT20-1010 | 50.4 | 1010 | 4.4 | 52.4 |
| FHCT20-1160 | 58.1 | 1160 | 5.0 | 45.6 |
| FHCT20-1360 | 67.6 | 1360 | 5.9 | 38.9 |
| FHCT20-1560 | 78.3 | 1560 | 6.8 | 33.9 |
| FHCT20-1790 | 89.5 | 1790 | 7.8 | 29.6 |
| FHCT20-2010 | 100.5 | 2010 | 8.7 | 26.3 |
| FHCT20-2320 | 116.3 | 2320 | 10.1 | 22.8 |
| FHCT20-2680 | 134.2 | 2680 | 11.7 | 19.7 |