



Description

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

Features

- Single conductor cable with screen
- 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 2.6 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	Single conductor
Operating voltage	230V
Power output	12W/m, 16W/m, 18W/m, 20W/m
Cable diameter	2.6mm
Min. bending radius	25mm
Conductor insulation	Fluoropolymer
Outer insulation	PVC
Max. ambient temperature	30°C
Min. installation temperature	5°C
Cold lead	Two wires, 2.5m length each

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 FHCS				
FHCS12-150	12.4	150	0.7	352.7
FHCS12-225	18.4	225	1.0	235.1
FHCS12-300	25.4	300	1.3	176.3
FHCS12-375	31.4	375	1.6	141.1
FHCS12-450	37.4	450	2.0	117.6
FHCS12-525	43.4	525	2.3	100.8
FHCS12-600	50.4	600	2.6	88.2
FHCS12-675	56.4	675	2.9	78.4
FHCS12-750	62.4	750	3.3	70.5
FHCS12-900	74.4	900	3.9	58.8
FHCS12-1050	87.4	1050	4.6	50.4
FHCS12-1200	99.4	1200	5.2	44.1
FHCS12-1350	112.4	1350	5.9	39.2
FHCS12-1500	124.4	1500	6.5	35.3
FHCS12-1800	149.4	1800	7.8	29.4
230V, 16W/m FHCS				
FHCS16-200	12.4	200	0.9	264.5
FHCS16-300	18.4	300	1.3	176.3
FHCS16-400	25.4	400	1.7	132.3
FHCS16-500	31.4	500	2.2	105.8
FHCS16-600	37.4	600	2.6	88.2
FHCS16-700	43.4	700	3.0	75.6
FHCS16-800	50.4	800	3.5	66.1
FHCS16-900	56.4	900	3.9	58.8
FHCS16-1000	62.4	1000	4.3	52.9
FHCS16-1200	74.4	1200	5.2	44.1
FHCS16-1400	87.4	1400	6.1	37.8
FHCS16-1600	99.4	1600	7.0	33.1
FHCS16-1800	112.4	1800	7.8	29.4
FHCS16-2000	124.4	2000	8.7	26.5
FHCS16-2400	149.4	2400	10.4	22.0

Catalog number	Cable length m	Power output W	Current A	Resistance Ohms
230V, 18W/m FHCS				
FHCS18-180	10.3	180	0.8	293.9
FHCS18-280	14.8	280	1.2	188.9
FHCS18-370	20.6	370	1.6	143.0
FHCS18-460	25.6	460	2.0	115.0
FHCS18-550	30.6	550	2.4	96.2
FHCS18-650	35.0	650	2.8	81.4
FHCS18-750	40.5	750	3.3	70.5
FHCS18-850	47.4	850	3.7	62.2
FHCS18-950	53.5	950	4.1	55.7
FHCS18-1100	61.0	1100	4.8	48.1
FHCS18-1300	70.5	1300	5.7	40.7
FHCS18-1500	81.5	1500	6.5	35.3
FHCS18-1700	93.5	1700	7.4	31.1
FHCS18-1900	106.5	1900	8.3	27.8
FHCS18-2200	122.0	2200	9.6	24.0
230V, 20W/m FHCS				
FHCS20-200	9.3	200	0.9	264.5
FHCS20-300	13.8	300	1.3	176.3
FHCS20-400	19.0	400	1.7	132.3
FHCS20-500	23.5	500	2.2	105.8
FHCS20-600	28.0	600	2.6	88.2
FHCS20-700	32.5	700	3.0	75.6
FHCS20-800	38.0	800	3.5	66.1
FHCS20-900	45.0	900	3.9	58.8
FHCS20-1000	50.6	1000	4.3	52.9
FHCS20-1200	56.0	1200	5.2	44.1
FHCS20-1400	66.0	1400	6.1	37.8
FHCS20-1600	77.0	1600	7.0	33.1
FHCS20-1800	88.0	1800	7.8	29.4
FHCS20-2000	101.0	2000	8.7	26.5
FHCS20-2300	117.0	2300	10.0	23.0
FHCS20-2700	133.0	2700	11.7	19.6