



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				
FHCS18-185	10.1	185	0.8	285.9
FHCS18-275	15.1	275	1.2	192.4
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
FHCS18-640	35.6	640	2.8	82.7
FHCS18-740	41.0	740	3.2	71.5
FHCS18-850	47.4	850	3.7	62.2
FHCS18-960	53.0	960	4.2	55.1
FHCS18-1060	58.9	1060	4.6	49.9
FHCS18-1270	70.3	1270	5.5	41.7
FHCS18-1470	81.3	1470	6.4	36.0
FHCS18-1650	91.8	1650	7.2	32.1
FHCS18-1910	106.0	1910	8.3	27.7
FHCS18-2200	122.2	2200	9.6	24.0
230V, 20W/m FHCS				
FHCS20-195	9.6	195	0.8	271.3
FHCS20-290	14.3	290	1.3	182.4
FHCS20-390	19.5	390	1.7	135.6
FHCS20-400	24.2	490	2.1	108.0
FHCS20-580	29.0	580	2.5	91.2
FHCS20-680	33.6	680	3.0	77.8
FHCS20-780	38.9	780	3.4	67.8
FHCS20-880	43.5	880	3.8	60.1
FHCS20-1000	50.6	1000	4.3	52.9
FHCS20-1160	57.8	1160	5.0	45.6
FHCS20-1360	67.7	1360	5.9	38.9
FHCS20-1560	78.3	1560	6.8	33.9
FHCS20-1780	89.2	1780	7.7	29.7
FHCS20-2010	100.7	2010	8.7	26.3
FHCS20-2320	116.0	2320	10.1	22.8
FHCS20-2680	133.8	2680	11.7	19.7