

Data Sheet

General Information

Electric Floor Heating



FC-1 Electric Floor Heating Cable Systems

combine the highest comfort levels with maximum energy efficiency. It's a proven technology that's safe, reliable and energy efficient.

- Single point connection
- Twin conductor cable
- Emits zero EMF (electromagnetic fields)
- Safety approved for wet locations
- Flexible installation
- Durable construction

MiniCable Specifications

Cable Construction:	Twin conductor
Rated Voltage:	230V
Output:	12W/m & 18W/m
Heating Element Size:	12.5-150.0m (12W/m) & 7.5-154.2m (18W/m)
Bending radius:	25mm
Cable Diameter:	3.6mm
Conductor Insulation:	fluoropolymer
Outer Insulation:	PVC
Max. Ambient Temp.:	85°F (30°C)
Min. Installation Temp.:	40°F (5°C)
Cold lead	2-wire plus ground braid; 2.5m length

Thermostat Specifications

Functions:	On/Off control, digital display, 7-day programmable
Supply Voltage :	120/240 V $\pm$ 15%, 50/60 Hz
Maximum switching current :	16 Amp
Temperature control range :	40 to 104°F (5 to 40°C)
Ambient range :	32 to 104°F (0 to 40°C)
Floor temperature sensor :	2-wire, 3m lead wire



1 Electric Floor Heating (with 2.5m cold lead)

2 thermostat

3 Floor temperature sensor

Ordering Information

230V	Length (m)	Watts (20W/m)	Amps	ohms
Catalog Number				
12-150	12.5	150	0.7	352.7
12-225	18.8	225	1.0	235.1
12-300	25.0	300	1.3	176.3
12-375	31.3	375	1.6	141.1
12-450	37.5	450	2.0	117.6
12-525	43.8	525	2.3	100.8
12-600	50.0	600	2.6	88.2
12-675	56.3	675	2.9	78.4
12-750	62.5	750	3.3	70.5
12-900	75.0	900	3.9	58.8
12-1050	87.5	1050	4.6	50.4
12-1200	100.0	1200	5.2	44.1
12-1350	112.5	1350	5.9	39.2
12-1500	125.0	1500	6.5	35.3
12-1800	150.0	1800	7.8	29.4

Ordering Information

230V	Length (m)	Watts (20W/m)	Amps	ohms
Catalog Number				
18-135	7.5	135	0.6	391.9
18-200	11.1	200	0.9	264.5
18-270	15.0	270	1.2	195.9
18-400	22.2	400	1.7	132.3
18-535	29.7	535	2.3	98.9
18-600	33.3	600	2.6	88.2
18-680	37.8	680	3.0	77.8
18-800	44.4	800	3.5	66.1
18-935	51.9	935	4.1	56.6
18-1100	61.1	1100	4.8	48.1
18-1220	67.8	1220	5.3	43.4
18-1340	74.4	1340	5.8	39.5
18-1500	83.3	1500	6.5	35.3
18-1625	90.3	1625	7.1	32.6
18-1900	105.6	1900	8.3	27.8
18-2135	118.6	2135	9.3	24.8
18-2295	127.5	2295	10.0	23.1
18-2775	154.2	2775	12.1	19.1

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