

Data Sheet

General Information



Floor warming Cable Systems

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

- Double point connection
- Single conductor with screen
- Very thin, only 2.6 mm
- Safety approved for wet locations
- Flexible installation
- Durable construction

·The floor warming system includes a yellow heating cable woven into an adhesive-backed white fiberglass mesh that allows for simple roll-out installation without worrying about cable spacing.

MiniCable Specifications

Cable Construction:	Singe conductor with screen
Rated Voltage:	230V
Output:	100W/m ² & 150W/m ² ±10%
Cable spacing:	100mm & 66.7mm
Cable Diameter:	1/10"-1/9" (2.5mm-2.8mm)
Cnductor Insulation:	fluoropolymer
Outer Insulation:	PVC
Max. Ambient Temp.:	85°F (30°C)
Min. Installation Temp.:	40°F (5°C)
Cold lead	Two wires plus ground braid; 2.5m length each

Thermostat Specifications

Functions:	On/Off control, digital display, 7-day programmable
Supply Voltage :	120/240 V ±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

Kit Contents



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|----------------------------|----------------------------|
| 1 Floor warming Cable | (with two 2.5m cold leads) |
| 2 thermostat | |
| 3 Floor temperature sensor | |
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Ordering Information

230V 10w/m	Heated Area		Mat Dimensions		Watts (100W/m ²)	Amps	ohms	Price (USD)
Catalog Number	m ²	Length(m)	m*m	in.*ft.				
100-100-1.0	1.0	10.5	0.5*2	20*6.5	100	0.4	529.0	5.418
100-150-1.5	1.5	15.5	0.5*3	20*9.7	150	0.7	352.7	8.134
100-200-2.0	2.0	20.5	0.5*4	20*12.9	200	0.9	264.5	10.85
100-250-2.5	2.5	25.5	0.5*5	20*16.1	250	1.1	211.6	13.56
100-300-3.0	3.0	30.5	0.5*6	20*19.4	300	1.3	176.3	16.26
100-350-3.5	3.5	35.5	0.5*7	20*22.6	350	1.5	151.1	18.98
100-400-4.0	4.0	40.5	0.5*8	20*25.8	400	1.7	132.3	21.70
100-500-5.0	5.0	50.5	0.5*10	20*32.3	500	2.2	105.8	27.12
100-600-6.0	6.0	60.5	0.5*12	20*38.8	600	2.6	88.2	32.55
100-700-7.0	7.0	70.5	0.5*14	20*45.2	700	3.0	75.6	37.98
100-800-8.0	8.0	80.5	0.5*16	20*51.7	800	3.5	66.1	43.40
100-1000-10	10.0	100.5	0.5*20	20*64.6	1000	4.3	52.9	54.25
100-1200-12	12.0	120.5	0.5*22	20*77.5	1200	5.2	44.1	65.08

230V 10w/m	Heated Area		Mat Dimensions		Watts (150W/m ²)	Amps	ohms	Price(USD)
Catalog Number	m ²	Length(m)	m*m	in.*ft.				
150-150-1.0	1.0	15.5	0.5*2	20*6.5	150	0.7	352.7	10.08
150-225-1.5	1.5	22.5	0.5*3	20*9.7	225	1.0	235.1	15.04
150-300-2.0	2.0	30.5	0.5*4	20*12.9	300	1.3	176.3	20.17
150-375-2.5	2.5	37.5	0.5*5	20*16.1	375	1.6	141.1	25.22
150-450-3.0	3.0	45.5	0.5*6	20*19.4	450	2.0	117.6	30.26
150-525-3.5	3.5	52.5	0.5*7	20*22.6	525	2.3	100.8	35.31
150-600-4.0	4.0	60.5	0.5*8	20*25.8	600	2.6	88.2	40.35
150-750-5.0	5.0	75.5	0.5*10	20*32.3	750	3.3	70.5	50.43
150-900-6.0	6.0	90.5	0.5*12	20*38.8	900	3.9	58.8	60.52
150-1050-7.0	7.0	105.5	0.5*14	20*45.2	1050	4.6	50.4	70.61
150-1200-8.0	8.0	120.5	0.5*16	20*51.7	1200	5.2	44.1	80.70
150-1500-10	10.0	150.5	0.5*20	20*64.6	1500	6.5	35.3	100.87
150-1800-12	12.0	180.5	0.5*22	20*77.5	1800	7.8	29.4	121.05

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