

SMCT



Heating Cable for Snow Melting in Reel

Features

Voltage

- 208V, 240V and 600V, 1-phase.

Construction

- Series heating cable set, twin conductor type.
- Heating cable held as a mat at regular 3" (76 mm) spacing with flexible strips.
- Fluoropolymer/XLPE resistance wire insulation 0.019" (0.5 mm) thick.
- Copper shielding (0.823 sq. mm) serves as ground.
- Polyolefin (EPR) outer sheath insulation 0.08" (2 mm) thick.

Watt density

- 11W/ft. linear (538W/sq. m) at 208, 240V and 600V

Cold lead

- 16' (5 m) long.
- 12 AWG or 14 AWG (according to maximum allowable load).
- PVC outer sheath insulation 0.03" (0.76 mm) thick.
- 3/8" (9.5 mm) outer diameter.

Included materials

- Measurements table label (to be placed in electrical panel).

Installation

- **Never cut or shorten the heating cable.**
- For outdoor applications only.
- The heating cable must be completely embedded in concrete, asphalt or stone dust under paving.
- Minimum installation temperature -5 °C (23 °F).
- Maximum long-term exposure temperature 105 °C (221 °F).
- Maximum exposure temperature for 10 minutes 220 °C (428 °F).

Warranty

- 20-year warranty on heating cable.

Application

- Residential, commercial driveway, sidewalk, access ramp, underground parking ramp, boarding platforms for animals.





240V Models

Watts	Product # 240V	Price	Amp.	Resistance Ohms	Covered surface ¹		Cable length ft.
					@45W/sq. ft.	@32W/sq. ft.	
970	SMCT-240-970		4.0	59.4	21	to 30	88.6
1440	SMCT-240-1440		6.0	40.0	32	to 45	131.2
1950	SMCT-240-1950		8.1	29.5	43	to 61	177.2
2160	SMCT-240-2160		9.0	26.7	48	to 67	196.9
2890	SMCT-240-2890		12.0	19.9	64	to 90	262.5
3900	SMCT-240-3900		16.3	14.8	87	to 122	354.3
4330	SMCT-240-4330		18.0	13.3	96	to 135	393.6
4870	SMCT-240-4870		20.3	11.8	108	to 152	442.7

208V Models

Watts	Product # 208V	Price	Amp.	Resistance Ohms	Covered surface ¹		Cable length ft.
					@45W/sq. ft.	@32W/sq. ft.	
960	SMCT-208-960		4.6	45.1	21	to 30	88.6
1440	SMCT-208-1440		6.9	30.0	32	to 45	131.2
1920	SMCT-208-1920		9.2	22.5	43	to 61	177.2
2160	SMCT-208-2160		10.4	20.0	48	to 67	196.9
2880	SMCT-208-2880		13.8	15.0	64	to 90	262.5
3900	SMCT-208-3900		18.8	11.1	87	to 122	354.3
4320	SMCT-208-4320		20.8	10.0	96	to 135	393.7
4920	SMCT-208-4920		23.7	8.8	108	to 152	442.9

600V Models

Watts	Product # 600V	Price	Amp.	Resistance Ohms	Covered surface ¹		Cable length ft.
					@45W/sq. ft.	@32W/sq. ft.	
960	SMCT-600-960		1.6	375	21	to 30	88.6
1440	SMCT-600-1440		2.4	250	32	to 45	131.2
1920	SMCT-600-1920		3.2	187.5	43	to 61	177.2
2160	SMCT-600-2160		3.6	166.7	48	to 67	196.9
2880	SMCT-600-2880		4.8	125	64	to 90	262.5
3900	SMCT-600-3900		6.5	92.3	87	to 122	354.3
4320	SMCT-600-4320		7.2	83.3	96	to 135	393.7
4920	SMCT-600-4920		8.2	73.2	108	to 152	442.9
6000	SMCT-600-6000		10	60	133	to 187	548.0

¹ Represents the area covered by the heating system excluding fixed elements to be bypassed and any other clearance required. The covered surface will vary according to the spacing between the cables. Refer to the installation manual to determine the proper spacing.

Options

Product # Kit	Product # Factory installed*	Price	Description
OTM-CC ¹	-		CableCheck – Electrical indicator
BRIPPS-75	-		75 ft. (23 m) galvanized steel cable clip strip for installation
KIT-SP2	-		Repair kit
-	100 ²		Optional 100' (30 m) cold lead

* For factory installed options, add the option number to the product number.
¹ With any SMCT order, the accessory OTM-CC can be added free of charge upon customer request.
² Made to order only. Allow additional 9 to 12 weeks lead time.