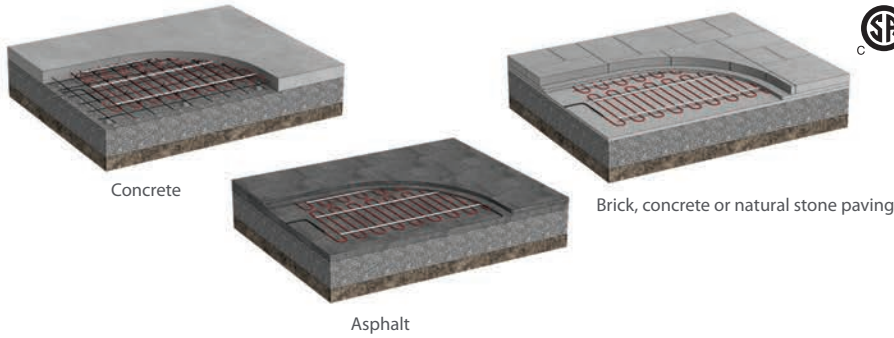


# OWS-T Heating Cable for Snow Melting on Mat



## Features

### Voltage

- 240/208V, 347V, 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 (ECTFE) resistance wire insulation 0.014" (0.35 mm) thick.
- Braided copper shielding 17 AWG, serves as ground.
- Polyolefin (EPR) outer sheath insulation 0.08" (2 mm) thick.

### Watt density

- 50W/sq. ft. (538W/sq. m) at 240V and 347V, 37.5 W/sq. ft. (404W/sq. m) at 208V, 3" (76 mm) spacing.

### Dimension

- 24" (610 mm) and 36" (914 mm) wide mats offered in several lengths.

### Cold lead

- 50' (15 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

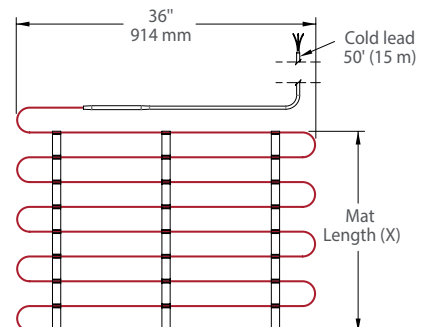
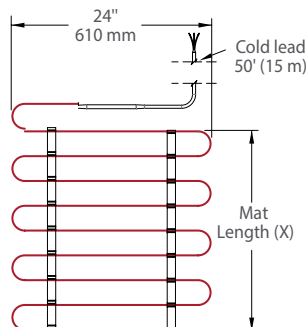
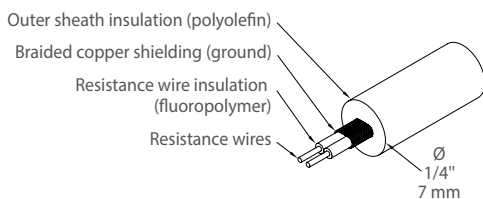
- **Never cut or shorten the heating cable.**
- For outdoor applications only.
- The heating cable must be completely embedded in concrete, asphalt or stone dust under paving.
- Minimum installation temperature -15 °C (5 °F).
- Maximum long-term exposure temperature 105 °C (221 °F).
- Maximum exposure temperature for 10 minutes 220 °C (428 °F).

### Warranty

- 10-year warranty on the heating cable.

### Application

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



## OWS-T

### OWS-T 24 in. (610 mm) Wide Models

Watts	Product # 240/208V	Product # 347V	Covered surface <sup>1</sup>		Mat length (X)		Cable length <sup>2</sup>		Weight	
			sq. ft.	sq. m	ft.	m	ft.	m	lb	kg
500	OWS-T0500-24	-	11.0	1.0	5	1.5	43	13.1	3.0	1.4
1000	OWS-T1000-24	-	22.0	2.0	10	3.0	86	26.2	5.0	2.3
1500	OWS-T1500-24	-	32.5	3.0	15	4.6	128	39.0	7.0	3.2
2000	OWS-T2000-24	-	43.5	4.0	20	6.1	171	52.1	10.0	4.5
2500	OWS-T2500-24	-	54.0	5.0	25	7.6	214	65.2	12.5	5.7
3000	OWS-T3000-24	-	65.0	6.0	30	9.1	257	78.4	15.0	6.8
4000	OWS-T4000-24	OWS-T4007-24	86.5	8.1	40	12.2	342	104.3	20.0	9.1
5000	OWS-T5000-24	OWS-T5007-24	108.5	10.1	50	15.2	428	130.5	25.0	11.4
6000	OWS-T6000-24	OWS-T6007-24	130.0	12.1	60	18.3	513	156.4	30.0	13.6

### OWS-T 36 in. (914 mm) Wide Models

Watts	Product # 240/208V	Product # 347V	Covered surface <sup>1</sup>		Mat length (X)		Cable length <sup>2</sup>		Weight	
			sq. ft.	sq. m	ft.	m	ft.	m	lb	kg
450	OWS-T0450-36	-	9.5	0.9	3	0.9	38	11.6	2.5	1.1
750	OWS-T0750-36	-	16.0	1.5	5	1.5	63	19.2	3.5	1.6
1050	OWS-T1050-36	-	22.0	2.0	7	2.1	88	26.8	5.0	2.3
1500	OWS-T1500-36	-	31.5	2.9	10	3.0	126	38.4	8.0	3.6
3000	OWS-T3000-36	OWS-T3007-36	63.5	5.9	20	6.1	251	76.5	15.0	6.8
4500	OWS-T4500-36	OWS-T4507-36	95.0	8.8	30	9.1	377	114.9	22.5	10.2
6000	OWS-T6000-36	OWS-T6007-36	126.5	11.8	40	12.2	502	153.0	30.0	13.6

## Installation Options

Product # Kit	Description
OTM-CC <sup>3</sup>	CableCheck – Electrical fault indicator
OW-G82-G	82 ft. galvanized steel strapping
KIT-OW-FIX	Heating cable repair kit
KIT-OW-TYW	Bag of 100 plastic tie-wraps

<sup>1</sup> Represents the area covered by the mat including 2" (51 mm) spacing between the mat strips but excluding fixed elements to be bypassed and any other required clearances.

<sup>2</sup> Represents the total length of the heating cable if it is detached from the flexible strips.

<sup>3</sup> With any OWS-T order, the accessory OTM-CC can be added free of charge upon customer request.

208V = 75% of wattage at 240V.

## Controller and Sensor Options

Product # Kit	Description	Amp.	Volts
DS-2C <sup>1</sup>	Aerial mounted sensor with controller to detect humidity and temperature	30A	277VAC
		20A	28VDC
ETF-744-99	24V outdoor sensor for measuring temperature	-	24V
ETO2 <sup>1</sup>	Dual-zone electronic controller	3 X 16A	120-240
ETO2-BOX	Mounting box for dual-zone electronic controller ETO2	-	-
ETOG	Ground sensor to detect humidity and temperature with 33 ft. (10 m) side entry cable	-	-
ETOG-56	Ground sensor to detect humidity and temperature with 80 ft. (25 m) bottom entry cable	-	-
ETOK-1	Mounting tube for ground sensor ETOG-56	-	-
ETOR-55	Gutter sensor to detect humidity with 33 ft. (10 m) cable	-	-
OWS-XSSR-208 <sup>2,3</sup>	208V GFCI control panel with X <sup>3</sup> pairs of SSR relays, ETO2 controller and control transformer 208-120V		
OWS-XSSR-240 <sup>2,3</sup>	240V GFCI control panel with X <sup>3</sup> pairs of SSR relays, ETO2 controller and control transformer 240-120V		
OWS-XSSR-347 <sup>2,3</sup>	347V GFCI control panel with X <sup>3</sup> pairs of SSR relays, ETO2 controller and control transformer 347-120V		
OWS-XSSR-600 <sup>2,3</sup>	600V GFCI control panel with X <sup>3</sup> pairs of SSR relays, ETO2 controller and control transformer 600-120V		

<sup>1</sup> Requires a ground fault circuit interrupter (GFCI) in the electrical panel.

<sup>2</sup> Requires a ground sensor, not included with panel.

<sup>3</sup> X = 4, 8, 12 pairs of SSR relays.