



# WarmlyYours

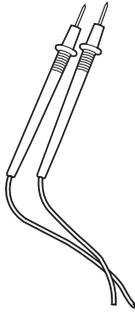
Be Connected.  
Be Warm. Be Radiant.

# OHM READING GUIDE Snow Melting Mats and Cables

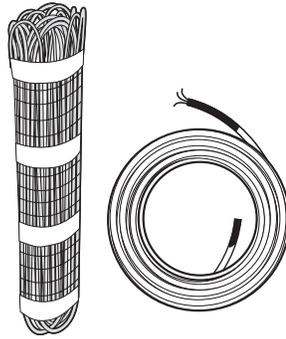
### You will need:



Ohm meter



Probes



Snow Melting Mat/Cable

**Before beginning, verify circuit breaker is off and verify no power is present at thermostat Supply Line.**

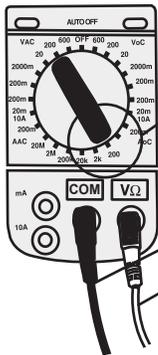
### Ohm Readings

**Why?** We do a quick and simple Ohms test to make sure no breaks or shorts have occurred that could affect the system's performance.

**When?** We advise that Ohm readings be taken before, during and after installation and that these are recorded for future reference.

**How?** By following the five simple steps clearly indicated, to complete the (3) three different readings that are required.

### Step 1 - Setting the Ohm Meter



Check the Ohm meter to make sure that it contains fresh batteries and is set/calibrated to a scale of 0 - 200 prior to taking any reading.

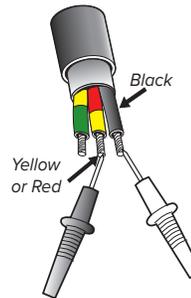
Plug the probes into the meter:  
**Black** into COM  
**Red** into V  $\Omega$

### Step 2 - Taking the Readings

When taking the readings please ensure the following:

- Your fingers are not touching any wires
- The probes are firmly attached to the selected wires
- There is no power in the circuit
- The heating system is rolled out flat
- The wires are not connected to the thermostat

### Step 3 - Core to Core Ohms Reading

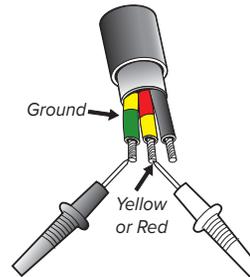


Connect the probes to both **inner** wires and record the reading off the Ohm meter.

This is the reading between the **two inner conductors** of the lead wires.

VALUE: \_\_\_\_\_

### Step 4 - Ground to Core Ohms Reading

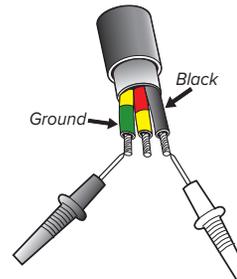


Connect the probes to both the **Core** wire and the **Ground** wire at the **START** of the lead.

Take the reading then repeat this reading at the other core wire.

VALUE: \_\_\_\_\_

### Step 5 - Ground to Core Ohms Reading



Connect the probes to both the **Core** wire and the **Ground** wire at the **START** of the lead.

VALUE: \_\_\_\_\_

#### IMPORTANT!

It is very important that for both CORE to GROUND readings you get "NO READING" - defined by a '0', '1', 'OL' or ' $\infty$ '. **IF NOT** you may have a short and should call for technical assistance at (800) 875-5285.

THERMOPADS PVT. LTD. HYDERABAD, INDIA ASPHALT SNOW MELTING MAT SERIES TYPE FOR EMBEDDED TRACING		
CATALOG NO.	: SMMT - FE 50 W/Sq.Ft	411398
MAT SIZE	: 3' x 20'	
WATTAGE	: 3000 W	
VOLTAGE	: 240 V	
RESISTANCE (Nominal)	: 19.2 Ohms	S/NO.
USAGE MARKING	: WS, X & G	
MANUFACTURED	: 25 / 2009	
"REFER TO INSTALLATION INSTRUCTIONS" "CAUTION: a ground fault protection device must be used with this heating device" "ATTENTION: ce produit doit être utilisé avec une protection de mise à la terre"		

The reading should be within +/- 15% of the readings given on the bottom left corner of the label on the Snow Melting mat or cable.

If the reading is outside the 15% variance, contact a WarmlyYours representative at (800) 875-5285.