

# Hott-Wire® SR5/SR9/SR12 Snow Melt Heating Cable

## DATA SHEET

### Description:

Hott-Wire self-regulating snow melting cables are designed to economically and effectively provide heat to warm floors and/or efficiently heat a space.

Hott-Wire cables produces 5/9/12 watts per foot at 32 degrees creating optimal snow melting, while carrying an industry leading 10yr warranty. Hott-Wire has options for running at 120, 208, 240, or 277 volt power.

Hott-Wire self regulating capability means that as the temperature around it decreases the heat output increases to more effectively warm at lower temperatures. Conversely as the temperature around it rises Hott-Wire decreases its heat output saving energy and money.

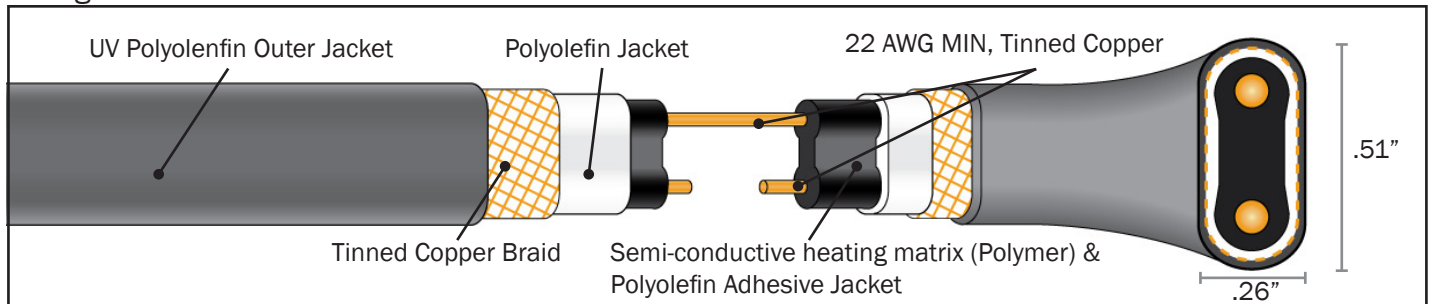
### Applications:

|           |                  |
|-----------|------------------|
| Entrances | Bridges/Walkways |
| Driveways | Stairs           |

### Other Information:

|                       |         |         |
|-----------------------|---------|---------|
| Power Dividing Factor | 208 VAC | 277 VAC |
| SR5-2                 | .86     | 1.16    |
| SR9-2                 | .92     | 1.09    |
| SR12-2                | .96     | 1.06    |

### Design:



### Specifications:

|                                       |                                                                       |
|---------------------------------------|-----------------------------------------------------------------------|
| Bus Wire                              | 22 AWG MIN, Tinned Copper                                             |
| Core & Liner                          | Semi-conductive heating matrix (Polymer) & Polyolefin Adhesive Jacket |
| Second Jacket                         | Polyolefin Jacket                                                     |
| Metallic Shield                       | Tinned Copper Braid                                                   |
| Outer Jacket                          | UV Polyolefin Over Jacket                                             |
| Minimum Bending Radius                | 1"                                                                    |
| Supply Voltage/s                      | 120 or 208-277 Vac                                                    |
| Max. Maintenance Temperature          | 185°F (85°C)                                                          |
| Max Intermittent Exposure Temperature | 212°F (100°C)                                                         |
| Nominal Power Output at 32°           | 5 or 9 or 12 watts/foot                                               |
| Warranty                              | 10 year limited warranty                                              |
| Listing Agency                        | ETL (Intertek Testing Laboratory)                                     |

### Circuit Sizing:

| Model # | Operating Voltage | Watts/ft in Ice/Snow | 15A CB |      |       | 20A CB |      |       | 30A CB |      |       |
|---------|-------------------|----------------------|--------|------|-------|--------|------|-------|--------|------|-------|
|         |                   |                      | @-20°F | @0°F | @40°F | @-20°F | @0°F | @40°F | @-20°F | @0°F | @40°F |
| SR5-1   | 120 Vac           | 5                    | 180'   | 200' | 300'  | 230'   | 270' | 270'  | 330'   | 330' | 330'  |
| SR5-2   | 208-277 Vac       | 5                    | 360'   | 410' | 600'  | 480'   | 560' | 660'  | 660'   | 660' | 660'  |
| SR9-1   | 120 Vac           | 9                    | 85'    | 95'  | 150'  | 100'   | 125' | 200'  | 170'   | 190' | 210'  |
| SR9-2   | 208-277 Vac       | 9                    | 170'   | 195' | 295'  | 225'   | 250' | 390'  | 340'   | 375' | 420'  |
| SR12-1  | 120 Vac           | 12                   | 60'    | 70'  | 115'  | 85'    | 95'  | 150'  | 120'   | 145' | 180'  |
| SR12-2  | 208-277 Vac       | 12                   | 130'   | 150' | 230'  | 175'   | 200' | 305'  | 260'   | 300' | 360'  |



Note: Ground fault protection must be used when installing all Cozy Heat® SR products. Refer to the NEC or CEC for specific requirements.



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