

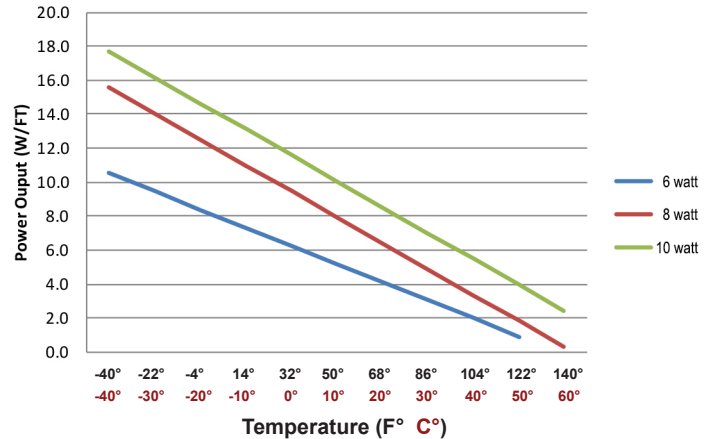


PLSRL Heat Trace Cable Data Sheet

Warmzone's PLSRL self-regulating heat cable is the cable of choice for roof heating and gutter trace applications. The UL listed cable features a flexible outer jacket and durable carbon core, providing consistent performance, long lifespan, and easy installation in cold temperatures.

| Technical Data for PLSRL Heat Cable | |
|--|-----------------------------|
| Service voltage | 110-120 V, 208-277 V |
| Maximum maintain or continuous exposure temperature (power on) | +149°F (65°C) |
| Maximum intermittent exposure temperature 1,000 hours (power on/off) | +185°F (85°C) |
| Minimum installation temperature | -40°F (-40°C) |
| Protective braid resistance | <18.2Ω/km |
| Bus wire gauge | 16 AWG |
| Approvals | cULus; CE, ATEX, IECEx, EAC |
| Warranty | 2 years (Not prorated) |

Power Output Curves Watts per Foot vs. Temperature



Maximum Length (feet) vs Circuit Breaker Size

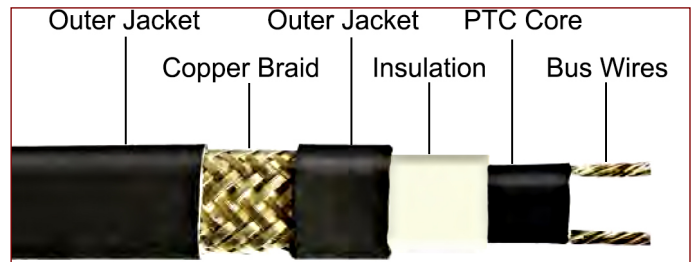
| Cable | Startup Temp. | 120 V | | | | 240 V | | | |
|---------------------------|---------------|-------|-----|-----|-----|-------|-----|-----|-----|
| | | 15A | 20A | 30A | 40A | 15A | 20A | 30A | 40A |
| PLSRL-6-1 and PLSRL-6-2 | 50°F (+10°C) | 230 | 270 | 270 | 270 | 460 | 540 | 540 | 540 |
| | 32°F (0°C) | 230 | 270 | 270 | 270 | 460 | 540 | 540 | 540 |
| | 14°F (-10°C) | 180 | 210 | 270 | 270 | 360 | 420 | 540 | 540 |
| | 0°F (-18°C) | 140 | 190 | 270 | 270 | 285 | 380 | 540 | 540 |
| | -20°F (-29°C) | 125 | 165 | 250 | 270 | 250 | 330 | 500 | 540 |
| -40°F (-40°C) | 110 | 145 | 220 | 270 | 220 | 295 | 440 | 540 | |
| PLSRL-8-1 and PLSRL-8-2 | 50°F (+10°C) | 150 | 200 | 210 | 210 | 300 | 400 | 420 | 420 |
| | 32°F (0°C) | 150 | 200 | 210 | 210 | 300 | 400 | 420 | 420 |
| | 14°F (-10°C) | 140 | 150 | 205 | 210 | 280 | 300 | 410 | 420 |
| | 0°F (-18°C) | 100 | 130 | 200 | 210 | 200 | 265 | 400 | 420 |
| | -20°F (-29°C) | 85 | 115 | 175 | 210 | 175 | 235 | 350 | 420 |
| -40°F (-40°C) | 80 | 105 | 155 | 210 | 155 | 210 | 315 | 420 | |
| PLSRL-10-1 and PLSRL-10-2 | 50°F (+10°C) | 120 | 160 | 180 | 180 | 240 | 315 | 360 | 360 |
| | 32°F (0°C) | 105 | 140 | 170 | 180 | 210 | 280 | 340 | 360 |
| | 14°F (-10°C) | 95 | 125 | 165 | 180 | 190 | 250 | 330 | 360 |
| | 0°F (-18°C) | 80 | 110 | 160 | 180 | 160 | 215 | 325 | 360 |
| | -20°F (-29°C) | 70 | 95 | 140 | 180 | 145 | 190 | 285 | 360 |
| -40°F (-40°C) | 60 | 85 | 125 | 170 | 125 | 170 | 255 | 340 | |

ORDERING INFORMATION

PLSRL-□-□-□ For example: PLSRL-6-2-CR

- Outer jacket**
C=Tinned copper braid (no outer jacket)
R=Thermoplastic
T=Fluoropolymer
- Supply Voltage**
1=110-120VAC; 2=208-277 VAC
- Output Power (at 40°F)**

Example: PLSRL-6-2-CR =
6 watt, 208-277 V, Thermoplastic outer jacket



PLSRL self-regulating heat cable.

PLSRL Cable Dimensions

| Type | Dimensions | Minimum Bend Radius |
|----------|---------------|---------------------|
| PLSRL-CR | 10.9 x 6.0 mm | 1.4 inches (36 mm) |

Approvals:

