

## SpeedTrace Roof & Gutter De-Icing Kits: Self-Regulating Heating Cable

### Product Highlights

- ✓ Durable, long lasting professional-grade heating cable
- ✓ Suitable for residential, commercial, and industrial roofing applications
- ✓ Ideal for melting snow and de-icing roofs, gutters, and downspouts
- ✓ Prevent property damage and injuries from falling ice

### Kits includes

SpeedTrace Heating Cable, Downspout Hanger Brackets, Roof Clips, UV Resistant Cable Ties, Caution Labels

*Additional items required, but not supplied:*

UV resistant RTV Sealant, Roofing Nails or Screws

### Specifications

- Supply Voltage: 120 V, 240 V\*
- Nominal 5 W/ft (16 W/m) at 50°F (10°C); 10 W/ft (33 W/m) at 32°F (0°C) in ice and snow
- Minimum exposure temperature: -40°F (-40°C)
- Maximum exposure temperature: 150°F (65°C)
- Moisture and flame resistant Thermoplastic outer jacket
- 16 AWG bus wires
- Power cord with standard 3-prong plug (NEMA 5-15)\*

\* 240 V models with bare wire leads.

### Installation Requirements

*Suitable For:*

- Standard pitched roofs with or without gutters
- Standard roofing materials including shingle, shake, rubber, tar, wood, metal and plastic roofs
- Gutters & downspouts made from standard materials including metal and plastic

*Not Suitable For:*

- Flat, slate, stone, ceramic, composite tar/gravel roofs

*Electrical Requirements:*

- GFCI protected circuit, local code approved outlet (power source) within close proximity to the heating cable starting point, and protected from the weather

### Ordering Information

Part No. 120 V	Part No. 240 V	Cable Length (Feet)	Kit Includes			
			Roof Clips	Downspout Hangers	Cable Ties	Caution Labels
FFRG15-50	FFRG25-50	50	30	2	15	2
FFRG15-75	FFRG25-75	75	50	4	20	2
FFRG15-100	FFRG25-100	100	60	4	25	2
FFRG15-125	FFRG25-125	125	80	4	30	2
FFRG15-150	FFRG25-150	150	100	6	40	2

### Accessories for Roof & Gutter De-Icing

Part No.	Description
THERMO-CUBE	Thermostatically Controlled Outlet 120VAC
SLCBL-RDOWN1	Aluminum Downspout Hanger Bracket
SLCBL-RCLIP10	Aluminum Roof Clip (Qty 1 = 10 clips)
SLCBL-RCLIP50	Aluminum Roof Clip (Qty 1 = 50 clips)

## SpeedTrace Roof & Gutter



### Measuring Heating Cable Length for Roof & Gutter De-Icing

Use the equation below to calculate heating cable length:

$$\text{Cable Required for Roof} = (R \times M) + G + D$$

(R) Roof Edge Length (linear length of roof to protect)

(M) Multiplier from table below

(G) Gutter Length

(D) Downspout Length (X2 if heating cable returns back to gutter)

**Heating Cable Kit Length Required** [Round Up to the nearest kit size]

### M = Length of Cable per Foot of Roof Edge (ft)

Roof Overhang (Eave/Soffit)	Standard Roof (M)	Standing Seam Roof 18" Seam (M)	Standing Seam Roof 24" Seam (M)
None	2.0 ft	2.5 ft	2.0 ft
12"	2.5 ft	2.8 ft	2.4 ft
24"	3.0 ft	3.6 ft	2.9 ft
36"	4.0 ft	4.3 ft	3.6 ft

### Thermo-Cube Thermostatically Controlled Outlet



- Power saving outlet.
- Thermostatically controlled outlet only runs in cold temperatures.
- Turns on when air temperature drops below 35°F (2°C); turns off when air temperature exceeds 45°F.
- Suitable for indoor/outdoor use.