

# SpeedTrace Roof & Gutter Kit: Self-Regulating Heating Cable

## Product Highlights

- ✓ Built for heating in extreme cold conditions down to: **-40°F (-40°C)**
- ✓ Durable, industrial grade
- ✓ Ideal for snow melting and de-icing on roofs and in gutters and downspouts
- ✓ Grounded for safety
- ✓ Easy-to-install: pre-assembled with power cord and plug, roof clips
- ✓ Automatically adjusts heat output based on surface and ambient temperature
- ✓ No temperature controller is required

### Kits include:

- SpeedTrace Heating Cable
- Downspout Hanger Brackets
- Roof Clips
- UV Resistant Cable Ties

### Additional items required, but not supplied

- RTV Sealant for Metal Roofs
- Nails or Screws for Shake or Shingle Roofs

### Specifications:

- Supply voltage: 110-120VAC
- 5 watts/ft (16 watts/m) at 50°F (10°C)
- 8 watts/ft (26 watts/m) at 32°F (0°C)
- Maximum exposure temperature: 150°F (65°C)
- Moisture and flame resistant thermoplastic elastomer outer jacket
- 16 AWG bus wires
- Pre-terminated 30" (76cm) long power cord with standard 3-prong (NEMA-5-15) plug

### Selecting Your Heating Cable for Roof & Gutter De-Icing

Use the equation and table below to calculate the heating cable length required:

Roof edge length (ft) x (feet of heating cable per foot of roof edge in table)  
 + Total gutter length (ft)  
 + Total downspout length (ft) + 1 ft

Total Heating Cable Length Required (If less than the SpeedTrace Roof and Gutter Kit lengths, round up to the nearest cable size.)

Length of Cable per Foot of Roof Edge (ft)

Roof Overhang	Standard Roof	Standing Seam Roof 18" Seam	Standing Seam Roof 24" Seam
None, *Gutter Required	2.0 ft	2.5 ft	2.0 ft
12"	2.0 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

**NEW** Suitable for Cold Temperatures  
 Down to: **-40°F (-40°C)**  
**SpeedTrace**  
**Roof & Gutter**



### Roof & Gutter Requirements

#### Suitable For:

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

#### Not Suitable For:

- Flat roofs
- Slate, stone, ceramic, composite (tar and gravel) roofs

### Electrical Requirements

SpeedTrace Roof and Gutter Kits require a GFCI 120 VAC outlet that is close to the cable starting point on the roof and protected from the weather.

Use of an extension cord is not recommended, but if an extension cord is needed, call your local electrical inspection agency for a recommendation on the proper outdoor-safe extension cable.

## Ordering Information:

Kit Part No.	FFRG15-50	FFRG15-75	FFRG15-100
Length	50 ft	75 ft	100 ft
Heating Cable	1- SpeedTrace FFSL1-50	1- SpeedTrace FFSL1-75	1- SpeedTrace FFSL1-100
Roof Clips	30	50	80
Hanger Brackets (2 per downspout)	2	4	4
UV Resistant Cable Ties	50	75	100
Electrical Caution Label	2	2	2

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