

Roof and Gutter De-icing

When gutters and downspouts freeze, major damage can occur to your building's roof and facade. Ice damming on your roof during those frequent temperature changes in the fall and spring can cause havoc with safety at your entry way. We recommend roof and gutter cable to keep your building in optimal shape and your entryways safe.



Step 3: Count the number of downspouts and measure the length

Cable also needs to go down each of your downspouts to prevent freezing there.



Step 5: Get all of the necessary hardware

There are four basic types of hardware you will need for roof and gutter de-icing.

1. Power Connection Kit with End Seal (Weatherproof Junction Box Included)
2. Temperature Sensor to Turn System on at Optimal Time
3. Heavy Duty Roof Clips
4. Downspout Hangers

Choosing the proper amount of roof and gutter cable can be easy once a few measurements have been made.

Step 1: Measure the amount of feet of roof edge you want to heat

e.g.) a 40' x 100' square building with no eaves will have 280' of roof edge (40+40+100+100).

Step 2: Measure the length of overhang

Below is the amount of cable needed relative to the length of your overhang.

If your Roof Overhang is:	Overhead Multiplier
12"	4.0
24"	5.3
36"	6.8
48"	8.1
60"	9.6
72"	11.2



Step 4: Get your roof and gutter cable

Now you are ready to purchase your self-regulating roof and gutter cable. We can provide you with the exact amount of cable and hardware needed with our FREE consultation (call 1-877-674-9744). All we need to know is your information from the previous three steps.

Watts	Volts	Part Number
5	120	SL-CAB-5-120-BP-R
5	240	SL-CAB-5-240-BP-R

Accessory	How many will I need?	Part Number
Power Connection Kit with End Seal (Includes Weatherproof Junction Box)	1 Kit for every 230 feet (120VAC) or 460 feet (240VAC) assuming a 50°F (10°C) start-up temperature	ROOFFKIT
Automatic On/Off Thermostat Temperature Sensor which turns on at 45°F (7°C) and turns off at 60°F (24°C)	1 Temperature Sensor for every Power Connection Kit	TD101N-060
Heavy Duty Roof Clips 25 pack	1 Box for every 12.5 ft	ROOFCLIP25
Downspout Hangers 3 pack	1 Box for every 3 downspouts	ROOFDOWN3