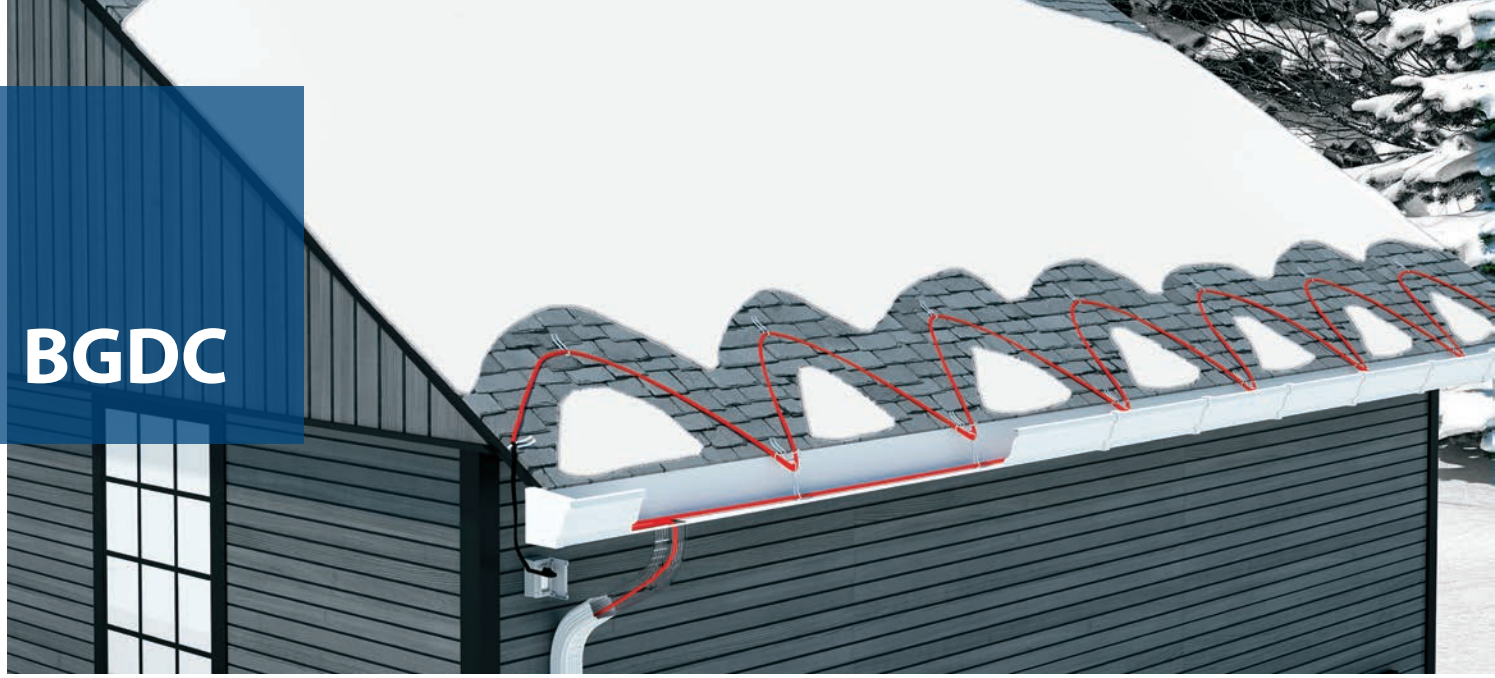
BGDC



THERMA-ROOF 120V Preassembled Series Resistance Heating Cable for Roof and Gutter De-icing

Features

Nominal voltage
- 120V.

Linear density
- 5 Watts per foot.

Cold lead length
- 30 in. (0.76 m).

Outer jacket
- PVC.

Bus wire
- Nickel plated copper.

Minimum bend radius
- 1/2 in. (12 mm).

Rating
- Wet rated, for outdoor use (WS).

Included hardware
- Roof clips for cable and spacers.
- Grounded 3-pronged plug with indicator light to show when the cable is on.

Installation
- **Never cut or shorten the heating cable.**
- For outdoor applications only.
- Minimum installation temperature: -18 °C (0 °F).

Operating temperature
- Max. continuous operating temperature: 25 °C (77 °F).

Warranty
- 2-year basic warranty on the heating cable.

Application
- Roof and gutter de-icing.

BGDC

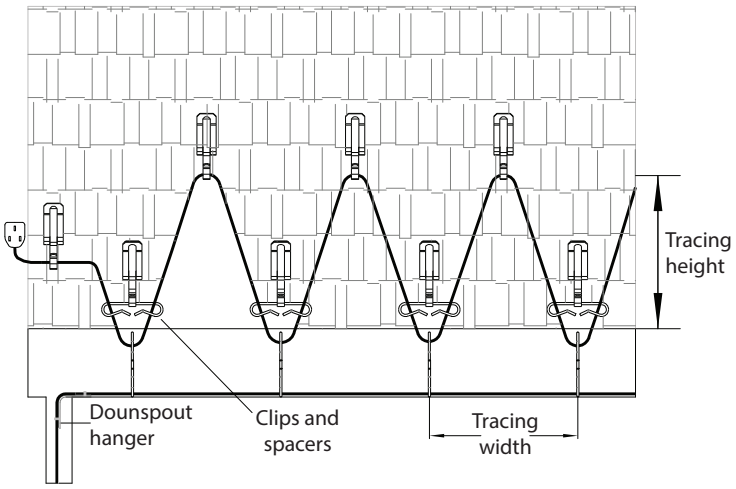
THERMA-ROOF 120V Preassembled Series Resistance Heating Cable for Roof and Gutter De-icing

Models

Product #	Price	Amp.	Length		Watts
			ft.	m	
BGDC1-1A020		0.8	20	6.1	100
BGDC1-1A030		1.3	30	9.1	150
BGDC1-1A060		2.5	60	18.3	300
BGDC1-1A080		3.3	80	24.4	400
BGDC1-1A100		4.2	100	30.5	500
BGDC1-1A120		5.0	120	36.6	600
BGDC1-1A140		5.8	140	42.7	700
BGDC1-1A160		6.7	160	48.8	800
BGDC1-1A180		7.5	180	54.9	900
BGDC1-1A200		8.3	200	61.0	1000
BGDC1-1A240		10.0	240	73.2	1200

Options

Product #	Price	Description
KIT-RF-CLIP		Roof clips (25) and spacers (15) for series resistance heating cable
RCR-U		Roof and gutter sentry for automatic de-icing control with humidity probe



An accurate estimate of the cable length you need is very important because you cannot change the cable length by cutting, splicing or altering it in any way. When calculating cable length, there should be a minimum of 2 inches between the bottom of the drop loop and the bottom of the gutter.

The cable must extend above the overhang into the section of the roof above the heated section of the house. In addition, in order to make a continuous path for the melted water, extend the heating cable all the way down to the gutter.

Cable length required for roofline area:
- Determine total length of roof edge (B).
- Multiply (A) and (B) to determine the length of heating cable required for roofing.

Overhang distance		Tracing width		Tracing height		With gutter multiplier	Without gutter multiplier
in.	cm	in.	cm	in.	cm	A	A
No overhang		15	38	22	56	3.9	3.0
12	30	15	38	22	56	3.9	3.0
24	61	15	38	33	84	5.3	4.5
36	91	15	38	44	112	6.8	6.0
48	122	15	38	55	140	8.2	7.4
60	152	15	38	66	168	9.7	8.9
72	183	15	38	77	196	11.1	10.3