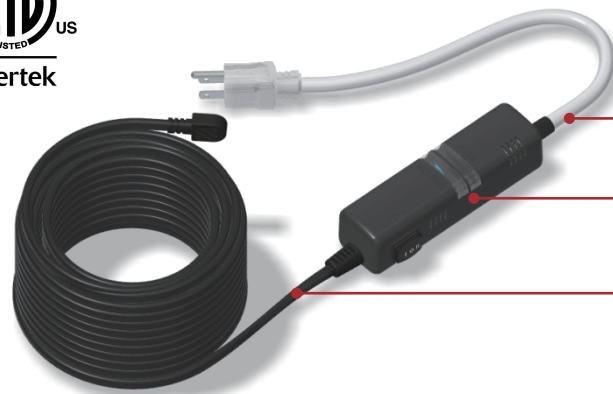


Roof & Gutter Intelligent De-icing Cable

Description

RGI Series with an intelligent temp & moisture switch ensure that the cable operates only when the snow might be present, it turns on when the temperature drops below 37°F (3°C) and humidity is above 60%RH and turns off when the temperature rises above 44°F (7°C) or humidity drops below 40%RH. Our cable is designed to be installed on inclined roofs with noncombustible tab shingles (such as asphalt shingles), metal or plastic gutters, downspouts, and/or valleys. It effectively melts ice and snow, providing a clear path for melted water to drain, and ultimately avoiding the formation of ice dams and icicles.



Construction

Power Cable

Intelligent Temp & Moisture Switch

Roof & Gutter De-icing Cable

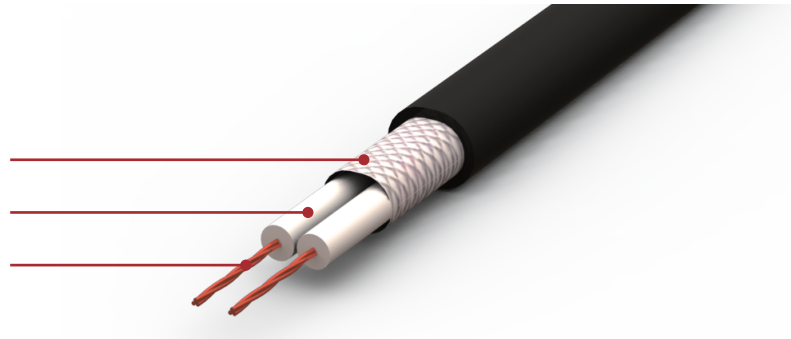
Cable Construction

Outer Jacket: PVC with UV inhibitor

Braiding: Tinned copper wires

Insulation: Cross-linking polyethylene (XLPE)

Conductor: Twin cores, 3 strands heating alloy



Features

- IPX4 protection
- UV inhibitor
- Surge protection
- Built-in grounding protection
- Intelligent mode
- Turn on when $T < 37^{\circ}\text{F}$ (3°C) & humidity $> 60\%RH$
- Turn off when $T > 44^{\circ}\text{F}$ (7°C) or humidity $< 40\%RH$

Performance

- Apply Voltage : 120V
- Power : 5 W/ft (16W/m)
- Power Cord Length : 2.6 ft (0.8m)

Ordering Information

Model Number	Power (W)	Cable Length		Voltage (V)	Current (A)
		(ft)	(m)		
RGI005FT1-0200	100	20	6.1	120	0.8
RGI005FT1-0300	150	30	9.1	120	1.3
RGI005FT1-0600	300	60	18.3	120	2.5
RGI005FT1-0800	400	80	24.4	120	3.3
RGI005FT1-1000	500	100	30.5	120	4.2
RGI005FT1-1200	600	120	36.6	120	5.0
RGI005FT1-1400	700	140	42.7	120	5.8
RGI005FT1-1600	800	160	48.8	120	6.7
RGI005FT1-1800	900	180	54.9	120	7.5
RGI005FT1-2000	1000	200	61	120	8.3
RGI005FT1-2400	1200	240	73.1	120	10

Further Information

Please consult the appropriate termination instructions and the E-POLY Installation, Testing and Maintenance Manual for further details.