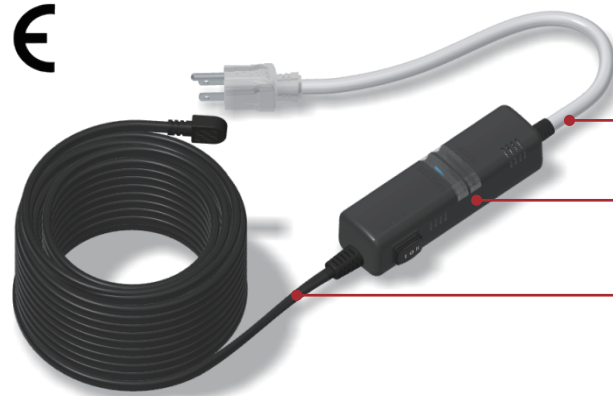


Roof & Gutter Intelligent De-icing Cable

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 3°C and humidity is above 60%RH and turns off when the temperature rises above 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

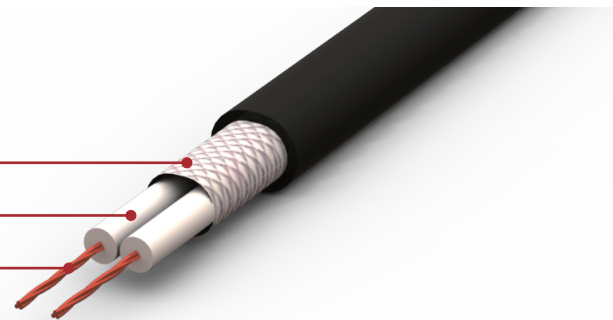
Cable Construction

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 $T < 3^{\circ}\text{C}$ & humidity $> 60\% \text{ RH}$
- Turn off when $T > 7^{\circ}\text{C}$ or humidity $< 40\% \text{ RH}$

Performance

- Apply Voltage : 230V
- Power : 16W/m
- Power Cord Length : 0.8m

Ordering Information

Model Number	Power (W)	Cable Length (m)	Voltage (V)	Current (A)
RGI016ME3-0060	96	6	230	0.4
RGI016ME3-0090	144	9	230	0.6
RGI016ME3-0180	288	18	230	1.3
RGI016ME3-0240	384	24	230	1.7
RGI016ME3-0300	480	30	230	2.1
RGI016ME3-0360	576	36	230	2.5
RGI016ME3-0420	672	42	230	2.9
RGI016ME3-0480	768	48	230	3.3
RGI016ME3-0540	864	54	230	3.8
RGI016ME3-0600	960	60	230	4.2
RGI016ME3-0720	1152	72	230	5.0

Further Information

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