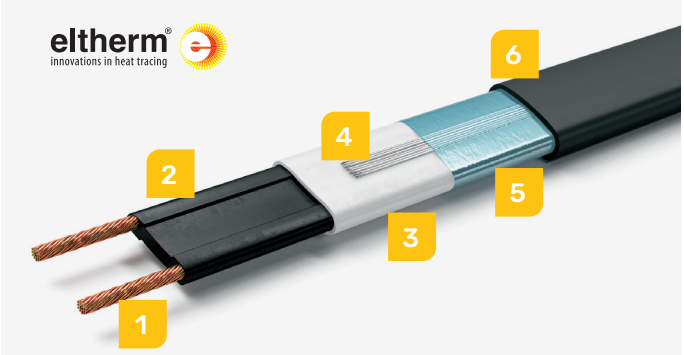
SR-PI

120V PREASSEMBLED SELF-REGULATING HEATING CABLE FOR PIPE TRACING FOR FREEZE PROTECTION AND ROOF AND GUTTER DE-ICING



Construction

1. Bus wire/conductor: nickel-plated copper
2. Self-regulating heating element
3. Insulation jacket, polyolefin
4. Ground, Cu tin-plated
5. Protection: Aluminum foil
6. Thermoplastic

Included hardware: grounded 3-pronged plug with indicator light to show when the cable is on.

Product Overview

120V preassembled self-regulating heating cables are designed to provide freeze protection for metal and plastic pipes, and de-icing protection for roofs and gutters, in both residential and commercial applications. Because they are self-regulating, the cables can be overlapped during installation. They are available in lengths of 6, 12, 18, 25, 50, 75 and 100ft. and are fitted with a 30in. (762mm) power cord.

Application

- Roof and gutter de-icing
- Freeze protection, pipes
- For non-hazardous locations
- Wet rated for outdoor use (WS)
- UV rated

Features

Nominal voltage
- 120V

Power output
- +10°C (+50°F): 3–10W/ft. (10–33W/m)

Cold lead length
- 36in. (0.9m)

Cable section
- 0.5in. x 0.2in. (14.1mm × 5.6mm)

Max. continuous exposure temp. (power off)
- 80°C (176°F)

Max. operating temp. (power on)
- 60°C (140°F)

Min. start-up temp.
- -25°C (-13°F)

Min. installation temp.
- -25°C (-13°F)

Min. bending radius
- 1in. (25mm)

Ratings

Standards
- CSA C22.2130.03; -WS
- CAN/CSA 60079-7:12, 60079-0-11.
- ANSI/IEEE 515, 515

Certification
- CSA C US 2547790

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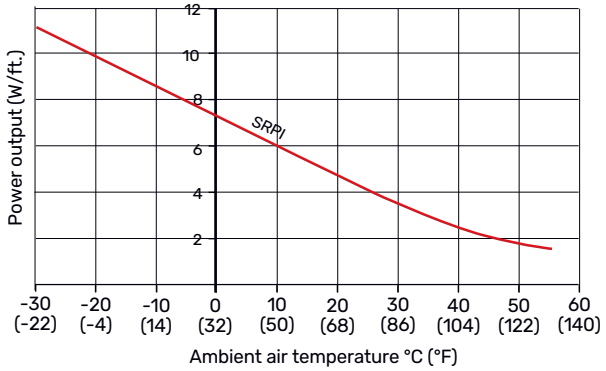
Models

Product #[1]	Length		Nominal power output in air conditions at 5°C (40°F)[2]
	ft.	m	
ECK-7A0-006	6	1.8	42
ECK-7A0-012	12	3.6	84
ECK-7A0-018	18	5.5	126
ECK-7A0-025	25	7.6	175
ECK-7A0-050	50	15.2	350
ECK-7A0-075	75	22.9	525
ECK-7A0-100	100	30.5	700

[1] *Must be plugged into a 120V outlet fitted with ground fault protection device (GFCI).*

[2] *Because of the cable's self-regulating properties, the power density can reach up to 11 W/ft. (36W/m) when buried in snow or ice: "wet density". In this situation, use of a 15A circuit breaker is valid for all models.*

Linear power output in air conditions according to operating temperature



Cable heat output depending on the environment

In snow and ice (120V cable)

- 11W/ft. @ 50°F (36W/m @ 10°C)

In dry air

- 7W/ft. @ 50°F (23W/m @ 10°C)