

# LBTV Self-Regulating Heating Cable

nVent RAYCHEM LBTV self-regulating trace heating cables provide freeze protection and low-temperature maintenance for longline applications, up to 150 °F/65 °C and can withstand intermittent exposure to 185 °F/85 °C. They provide long circuit length capability, suitable for long pipelines containing temperature-sensitive fluids or where high reliability is required. The fluoropolymer outer jacket (-CT) provides high chemical resistance against aggressive organics and corrosives.

## FEATURES

Simplified design in hazardous area: unconditional T6 class

Long circuit length capability, up to 1250 ft/381 m from a single power source

Fast installation: cut-to-length, multiple overlaps allowed, meter markings, user-friendly connections kits

Safe and efficient in operation: no overheating, uniform pipe temperatures, energy saving technology

Reliable during long life: 10 year product warranty available, maintenance free

## SPECIFICATIONS

Table 1/2

Catalog Number	Item Name	Supply Voltage	Nominal Power Output @ 50°F, 240V	Outer Jacket Material	Max Maintain or Continuous Exposure Temperature, Power On	Max Intermittent Exposure Temperature, Power On/Off
486428-000	LBTV2-CT	200 – 277 V	5 W/ft	Fluoropolymer	150 °F	185 °F

Table 2/2

Catalog Number	Item Name	Max Cumulative Hours for Intermittent Exposure	Area Classification	Nominal Cable Weight
486428-000	LBTV2-CT	1000 h	Non-Hazardous, Hazardous	0.17 lb/ft

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper

installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

**North America**

Tel +1.800.545.6258

Fax +1.800.527.5703

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

**Europe, Middle East,  
Africa**

Tel +32.16.213.511

Fax +32.16.213.604

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

**Asia Pacific**

Tel +86.21.2412.1688

Fax +86.21.5426.3167

[cn.thermal.info@nvent.com](mailto:cn.thermal.info@nvent.com)

**Latin America**

Tel +1.713.868.4800

Fax +1.713.868.2333

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

Our powerful portfolio of brands:

**RAYCHEM PYROTENAX TRACER NUHEAT**