








THE HEAT TRACING SPECIALIST

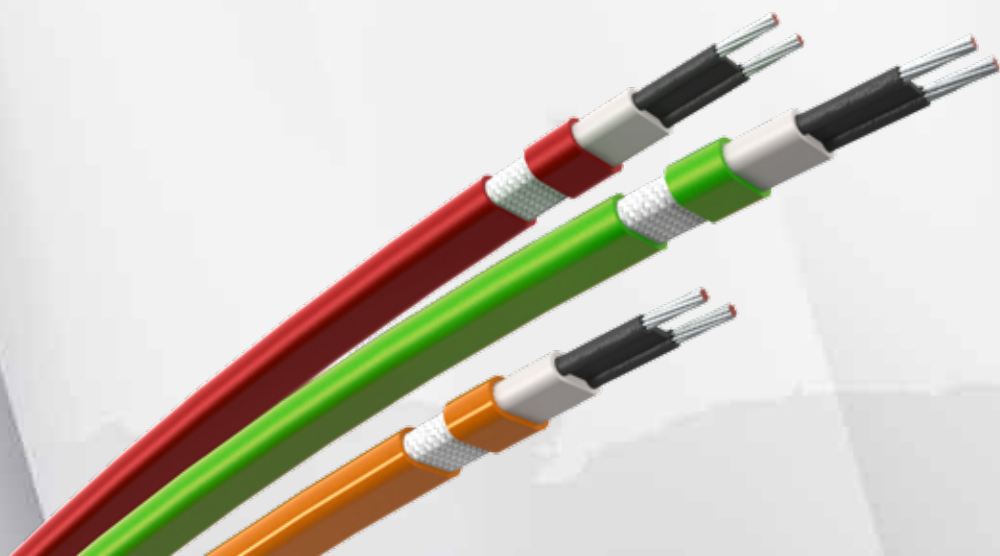
-  Self Limiting and Constant Power Heating Cables
-  Pipes and Tanks Maintenance Temperature
-  Gutters, Roofs and Ramps Freeze Protection
-  Hot Water Temperature Maintenance
-  Wide Range of Accessories for any Application



LG-PROQUIT



Via Volta, 52 - 20090 Cusago (Milan - Italy)
Tel +39 0290119641 - Fax +39 029019548
www.fatiheat.com | heat.trace@fati.com



THE HEAT TRACING SPECIALIST



The FATI self limiting and constant power heating cables are the ultimate solution for the freeze protection and maintenance temperature of pipes and tanks in industrial environments as well as freeze protection and snow melting of roof, gutters, stairways and ramps in commercial environments.



FFHT-X

Self Regulating Heating Cable



Features

- Energy efficient, automatically varies its power output in response to pipe temperature changes.
- Easy to install, can be cut to any length (up to 125 meters) required on site with no wasted cable.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- No overheat or burnout even when wrapped over itself (overlapped).
- Suitable for use in non-hazardous, hazardous and corrosive environments.
- FATI power connection, splice, tee and end seal kit will reduce installation time.
- Optional outer jacket, the heating cable is resistant to watery and inorganic chemicals and corrosive.

Application

FFHT-X is an industrial grade, ATEX approved self-regulating parallel heating cable (heating tape) manufactured in accordance to BS6351 Grade 22, that can be used for applications ranging from process heating or maintenance of temperature up to 120°C. It can be used in hazardous and non-hazardous locations, including areas where corrosives may be present.

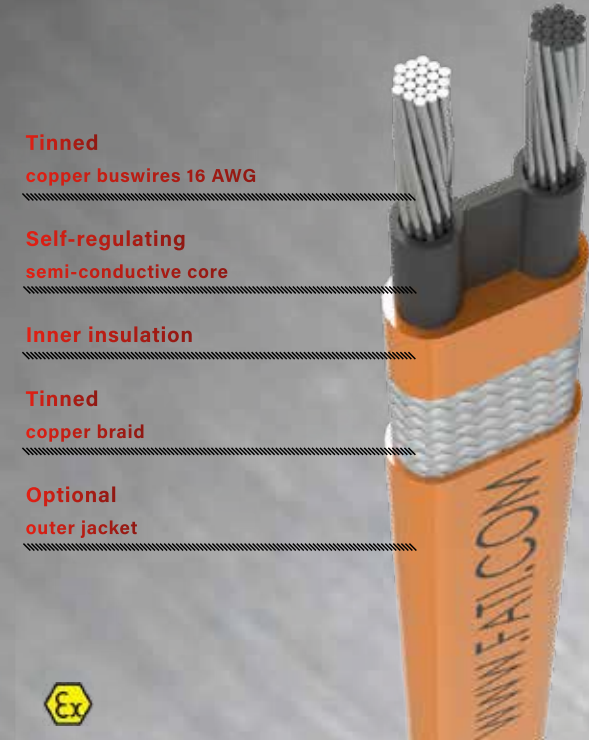
Technical Data

Output wattage (other wattages also available)	15, 30, 45, 60w/m @ 10°C
Service voltage	110-120V, 220-277V
Maximum maintain temperature (on)	+120°C (250°F)
Maximum exposure temperature (off)	+200°C (390°F)
Minimum installation temperature	-40°C (-40°F)
Protective braid resistance	<18.2Ω/km
Bus wire gauge	16 AWG
Approvals	LOM 18 ATEX 1019 X

FFHT-X

FFBT-X

Self Regulating Heating Cable



Features

- Energy efficient, automatically varies its power output in response to pipe temperature changes.
- Easy to install, can be cut to any length (up to 125 meters) required on site with no wasted cable.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- No overheat or burnout even when wrapped over itself (overlapped).
- Suitable for use in non-hazardous, hazardous and corrosive environments.
- FATI power connection, splice, tee and end seal kit will reduce installation time.
- Optional outer jacket, the heating cable is resistant to watery and inorganic chemicals and corrosive.

Application

FFBT-X is an industrial grade, ATEX approved self-regulating parallel heating cable (heating tape) manufactured in accordance to BS6351 Grade 22, that can be used for applications ranging from process heating or maintenance of temperature up to 65°C. It can be used in hazardous and non-hazardous locations, including areas where corrosives may be present.

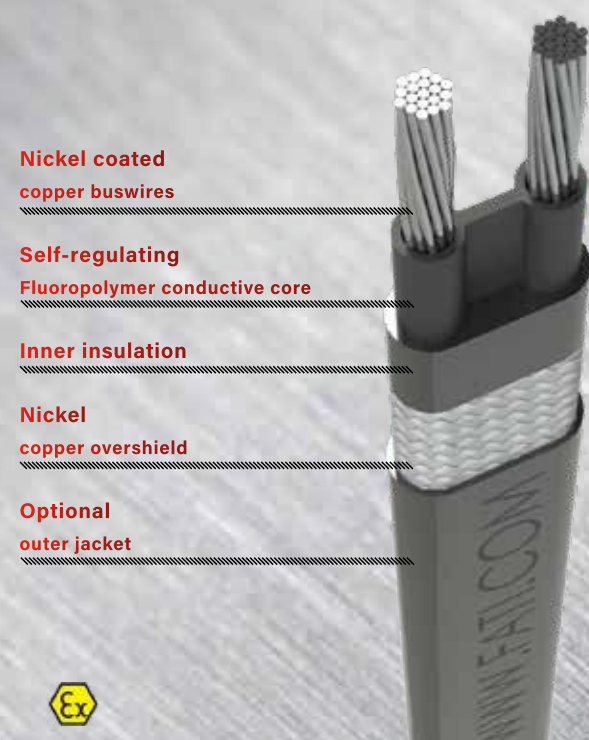
Technical Data

Output wattage (other wattages also available)	15, 30, 45, 60w/m @ 10°C
Service voltage	110-120V, 220-277V
Max. maintain or continuous exposure temp. (on)	+65°C (149°F)
Max. intermittent exposure temp. 1000 hrs (on or off)	+75°C (167°F)
Minimum installation temperature	-40°C (-40°F)
Protective braid resistance	<18.2Ω/km
Bus wire gauge	16 AWG
Approvals	LOM 18 ATEX 1019 X

FFBT-X

FCTU

Self Regulating Heating Cable



Features

The FCTU series of self-regulating heating cables are designed to supply a specified amount of heat at any point along their length in direct response to local temperature variations. These cables can maintain temperatures up to 375°F (190°C) and will withstand 190 psig saturated steam purging and intermittent temperature excursions to 475°F (250°C) with power applied. FCTU cables can be cut to length and terminated in the field, and will not overheat or burnout when overlapped.

Application

The industrial grade FCTU cables provide freeze protection parallel heating cable (heating tape) manufactured in accordance to BS6351 Grade 22, that can be used for applications ranging from process heating or maintenance of temperature up to 150°C. It can be used in hazardous and non-hazardous locations, including areas where corrosives may be present.

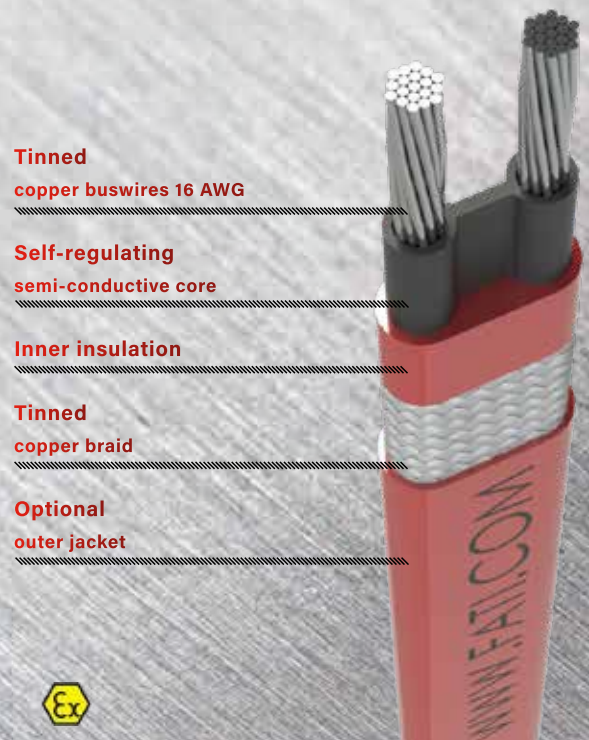
Technical Data

Output wattage (other wattages also available)	15, 30, 45, 60w/m @ 10°C
Supply voltages	110-120 or 208V-277Vac
Maximum exposure temperature (on)	+190°C (375°F)
Maximum exposure temperature (off)	+250°C (475°F)
T Rating Temperature Class	T3
Braid resistance	<18.2Ω/m
Size	11.0mm x 5.2mm
Approvals	LOM 18 ATEX 1019X

FCTU

FCTS

Self Regulating Heating Cable



Features

- Energy efficient, automatically varies its power output in response to pipe temperature changes.
- Easy to install, can be cut to any length (up to max circuit length) required on site with no wasted cable.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- No overheat or burnout even when wrapped over itself (overlapped).
- Suitable for use in non-hazardous, hazardous and corrosive environments.
- FATI power connection, splice, tee and end seal kit will reduce installation time. Optional outer jacket, the heating cable is resistant to watery and inorganic chemicals and corrosive.

Application

FCTS is an industrial grade, self-regulating parallel heating cable (heating tape) manufactured in accordance to BS6351 Grade 22, that can be used for applications ranging from process heating or maintenance of temperature up to 150°C. It can be used in hazardous and non-hazardous locations, including areas where corrosives may be present.

Technical Data

Output wattage (other wattages also available)	18, 35, 50, 65w/m @ 10°C
Service voltage	110-120V, 220-277V
Max. maintain or continuous exposure temp. (on)	+120°C (248°F)
Max. intermittent exposure temp. 1000 hrs (on or off)	+200°C (392°F)
Minimum installation temperature	-30°C (-22°F)
Protective braid resistance	<18.2Ω/km
Bus wire gauge	16 AWG
Approvals	LOM 18 ATEX 1019X

FCTS

FCTR

Self Regulating Heating Cable



Features

- Energy efficient, automatically varies its power output in response to pipe temperature changes.
- Easy to install, can be cut to any length (up to max circuit length) required on site with no wasted cable.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- No overheat or burnout even when wrapped over itself (overlapped).
- Suitable for use in non-hazardous, hazardous and corrosive environments.
- FATI power connection, splice, tee and end seal kit will reduce installation time. Optional outer jacket, the heating cable is resistant to watery and inorganic chemicals and corrosive.

Application

FCTR is Industrial Rate approved self-regulating parallel heating cable (heating tape), designed for a variety of industrial applications and environments, including hazardous and non-hazardous. It can be used for plastic or mental pipe freeze protection and flow maintenance of pipes, tanks, valves.

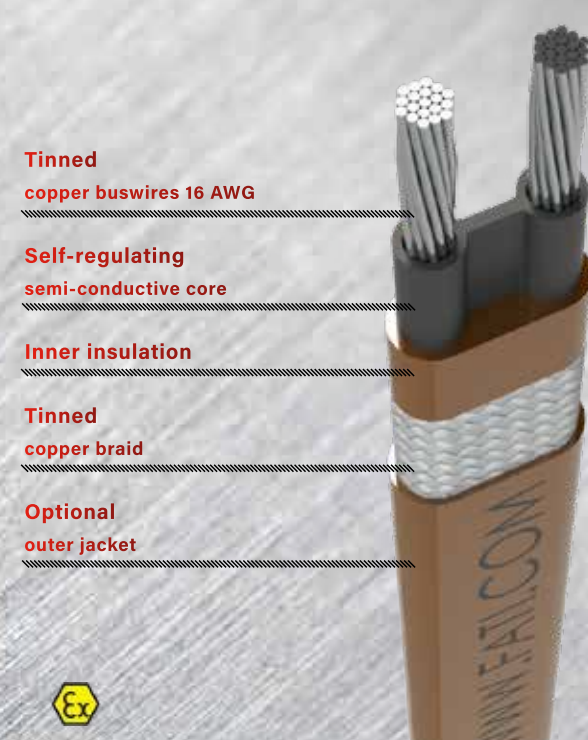
Technical Data

Output wattage (other wattages also available)	12, 18, 25, 35, 42w/m @ 10°C
Service voltage	110-120V, 220-277V
Maximum exposure temperature (on)	+65°C (149°F)
Maximum exposure temperature (off)	+85°C (185°F)
Minimum installation temperature	-40°C (-40°F)
Protective braid resistance	<18.2Ω/km
Bus wire gauge	16 AWG
Approvals	LOM 18 ATEX 1019X

FCTR

FCTP

Self Regulating Heating Cable



Features

- Energy efficient, automatically varies its power output in response to pipe temperature changes.
- Easy to install, can be cut to any length (up to max circuit length) required on site with no wasted cable.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- No overheat or burnout even when wrapped over itself (overlapped).
- Suitable for use in non-hazardous, hazardous and corrosive environments.
- FATI power connection, splice, tee and end seal kit will reduce installation time. Optional outer jacket, the heating cable is resistant to watery and inorganic chemicals and corrosive.

Application

FCTP is Industrial Rated approved self-regulating parallel heating cable, designed for pipe heat tracing in industrial applications, it is configured for use in hazardous and non-hazardous locations, including areas where corrosives may be present. It can provide process temperature maintenance up to 110°C (230°F) and it can also be used for frost protection of large pipes and freeze protection in systems having high heat loss.

Technical Data

Output wattage (other wattages also available)	10, 35, 48, 60w/m @ 10°C
Service voltage	110V/277V
Maximum maintain temperature (on)	+110°C (230°F)
Maximum exposure temperature (off)	+135°C (275°F)
Minimum installation temperature	-40° (-40°)
Protective braid resistance	<18.2Ω/km
Bus wire gauge	16 AWG
Approvals	LOM 18 ATEX 1019X

FCTP

FCMI

Mineral Insulated Heating Cable



Features

- Constant Wattage Series Resistance Heating Cable Sets
- Process Temperature Maintenance to 480°C
- Maximum Exposure Temperature (Power Off) 600°C
- Corrosion Resistant, Alloy 825 Sheath
- Factory Assembled Cable Sets—Ready for Installation
- Fully Annealed Sheath allows Field Bending
- Suitable for Hazardous Areas, Div. 1 and Div. 2

Application

MI mineral insulated heating cables provide rugged and reliable heat tracing for a variety of demanding applications. The high nickel alloy sheath, magnesium oxide dielectric insulation and resistance wire construction allow the tracing of equipment up to 600°C maintenance temperatures and excellent resistance to many corrosive environments. At lower temperatures, watt densities of up to 260 W/Ft can be designed. Contact FATI for cable maintenance temperature above 205°C.

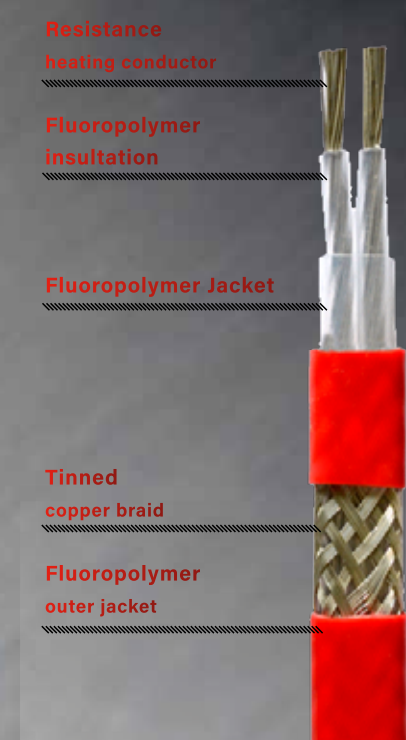
Technical Data

Rated voltage	300 and 600 Vac
Max. maintenance temp. (on)	+500°C
Max. continuous exposure temp. (off)	+600°C
Maximum Watt density	260 W/m
Minimum installation temperature	-60°C
Minimum bend radius	6 x cable O.D.

FCMI

FCSR

Series Resistance Heating Cable



Features

Electrical freeze protection for long pipelines in both nonhazardous and hazardous locations. FCSR series-resistance technology provides freeze protection and high temperature maintenance for long line applications.

Application

This series-resistance type heating cable can withstand continuous exposure temperatures up to 400° (204°), and is suitable for use in hazardous locations and in areas exposed to corrosives. ESF heating cables can be used for continuous circuit lengths to 12,000 feet (3659m), powered from a single source.

Technical Data

Output wattage (other wattages also available)	10, 20, 30, 45w/m @ 10°C
Area classification	Hazardous area, Ordinary
Chemical resistance	Organic and inorganic corrosives
Supply Voltage	Maximum 600Vac
Max. continuous exposure (off)	204°C
Min. installation temperature	-40° C
Min. bending radius	25mm

FCSR