

# IPT

## Polymer Insulated Series Constant Heating Cable

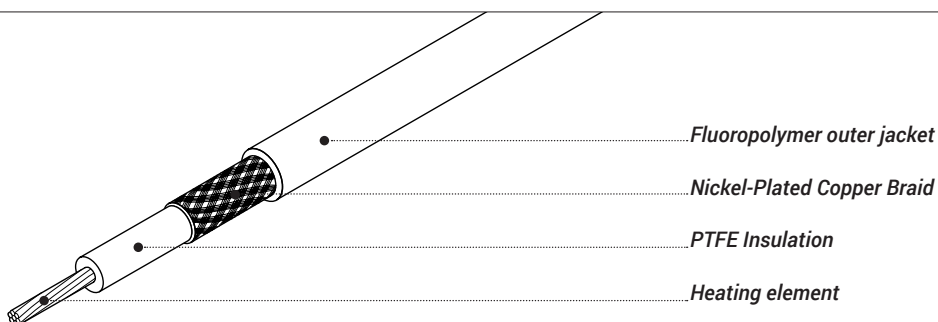
The IPT series heating cables provide consistent Watt-per-metre power output along the entire length of the cable with no voltage drop. A metallic braid adds additional protection to the heating cable and a fluoropolymer outer jacket provides chemical resistance while maintaining maximum flexibility. The construction of the cable meets the 4 or 7 Joule impact test per EN50019.

- Especially designed for exposure to temperatures up to 260°C
- Resists to steam purging
- Freeze protection
- Temperature maintenance
- Insures viscosity control
- Protects against condensation

## Features

- Piping, tanks and equipment needing high exposure temperatures
- Designed for circuit lengths exceeding the limitations of parallel resistance heating cables (250 m)
- Different possible configurations of the power supply: single-phase or three-phase (triangle, star)
- Different possible voltages: 230 V, 400 V and others.
- Wide variety of heat-tracing applications
- Fluoropolymer outer jacket providing additional protection where exposure to organic chemicals or corrosives is expected

## Visual Description



## Benefits

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- Wide variety of resistors
- Flexible cables can be easily terminate on-site
- Optimal chemical and mechanical resistance
- Economical solution
- Safe and reliable product

## Technical Data

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Maximum Watt density	Up to 35 W/m
Maximum voltage supply	750 Vac
Maximum maintenance temperature	200°C
Maximum continuous exposure temperature	Power-off: 300°C
Minimum installation temperature	-60°C
Maximum circuit length	Up to 2 500 m
Minimum bend radius	5 times cables diameter
Temperature rating	T1 to T6 depending on studies

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- Withstands continuous flammability testing according to IEC 603322-1: 1993
- Accessories tested according to ozone stability, UV and flammability according to ISO/IEC requirements
- Usage zones: ordinary, hazardous, zone 1, zone 2, zone 21 and zone 22



II 2 G EEx e IIC T2 to T6  
LCIE 05 ATEX 6135

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