


# Freeze Protection Cables - FPC-C/CT/SR

for frost protection



Thermo Freeze Protection Cables are designed for "on pipe" as well as "in pipe" applications for domestic and commercial requirements to protect water from freezing. These robust and tough cables are adaptable to all areas where natural frost protection cannot be achieved.



Features

Approvals	Meets the requirements of IEC 62395 Standard.
Cost-Effective	FPC-CT - with in-built temperature limiters, and FPC-SR the self regulating type, provide heat when required, resulting in optimal heat utilization.
Sturdy	Robust fluoropolymer insulation and metal shielding enables its use in tough conditions.
Reliability	A uniquely designed hot to cold junction makes the termination 100% foolproof.

Specifications

	FPC-C	FPC-CT (controlled with in-built temperature limiter)	FPC-SR (self-regulating)
Application	“On pipe” as well as “In pipe” applications	“On pipe” applications	“On pipe” as well as “In pipe” applications
Construction	Constant Watt type Twin conductor series resistance heating cable comprising of multistrand or coiled heating element with primary insulation of fluoropolymer, metal sheathing and Polyolefin outer jacket.	Constant Watt type Twin conductor series resistance heating cable comprising of resistance elements with primary insulation of Fluoropolymer, metal sheathing and Polyolefin outer jacket. Inbuilt preset Thermostat / Temperature limiter to operate at a factory set temperature to “switch on” at < 5°C and “switch off” at 15°C	Self-regulating parallel type heating cable comprising of a semi-conductive heating core extruded over stranded plated copper bus wires and provided with primary insulation of Thermo Plastic Elastomer, then metal sheathing and Fluoropolymer outer jacket.
Cold Leads	2.0m length with Plug		
Standard Range @ 230V AC	10 W/m 2m to 135m lengths 16 W/m 1.6m to106.7m lengths 25 W/m 1.3m TO 85.4m lengths		10W/M at 10°C 2m to 25m lengths
Catalog Nos.	FPC-C-‘X’W/‘Y’ ‘X’=W/m ‘Y’= Total Wattage	FPC-CT-‘X’W/‘Y’ ‘X’=W/m ‘Y’= Total Wattage	FPC-SR-‘X’W/‘Y’ ‘X’=W/m ‘Y’= Total Wattage