



TRM Polymeric Freeze Protection Heating Cables (FP-PL)

KEY FEATURES

- ✓ Ideal for Light Commercial and Residential Freeze Protection Applications
- ✓ Pre-terminated for quick and cost effective installation
- ✓ Built in thermal disk eliminates the need for independent controller
- ✓ 2' cold leads to allow easy plug in to nearest 120V receptacle



Our Polymeric Freeze Protection are suitable for Pipe Tracing, Roof and Gutter De-Icing, and Freeze Protection/Heat Loss Replacement in 'Ordinary Location' Classified Applications

TECHNICAL SPECIFICATIONS

Cable Construction:	Twin conductor
Rated Voltage:	120 VAC
Output:	7 W/ft
Heating Element Size:	3-80 ft
Bending radius:	1 inch
Conductor Insulation:	XLPE
Outer Insulation:	PVC
Min. Installation Temp.:	15°F (-10°C)
Cold lead	2 ft length 18/3 with plug

- Series Resistance— fixed amperage draw and wattage output
- Max Exposure Temp = 105 Degrees Celsius (power off)
- Cost Effective for Contractor/Construction Applications
- Circuit Lengths up to 80 Ft
- 120, 208, or 240Volts
- Cannot be cut
- Optional plug or hard wired configuration



TRM FP-PL Cable Selection Chart

Catalog Number	Voltage V	Cable Length/ft	Output W/ft	Watts	Amps	ohms
TRM FP PL-1-3	120	3	7	21	0.2	685.7
TRM FP PL-1-9	120	9	7	63	0.5	228.6
TRM FP PL-1-15	120	15	7	105	0.9	137.1
TRM FP PL-1-24	120	24	7	168	1.4	85.7
TRM FP PL-1-40	120	40	7	280	2.3	51.4
TRM FP PL-1-80	120	80	7	560	4.7	25.7

Controls and GFI:

TRM FP PL cable can function safely without the use of external controls if you select cable with built in thermostat disk. If you choose to utilize an additional external thermostat to switch this unit, this is acceptable, however, the thermal disk would serve as a secondary temperature measurement device that would need to be engaged in order for this cable to turn on.

For further information or for design assistance with controls and/or sensors that work in concert with our polymeric cable, please call TRM directly

Circuit protection depends on the breaker size being used and the start-up temperature. NEC 1999 requires the use of ground fault protection breakers for heating cable.

WARRANTY

We believe in the superior quality of our TRM FP-PL cable products. Our standard warranty is 2 years from the date of purchase. Contact us regarding extended warranty terms and conditions. TRM is a Canadian-owned leading designer, and manufacturer of premium heating cable and systems in the commercial, industrial and residential sectors.

