

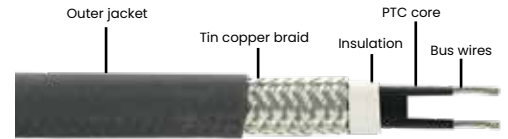


# 12MVP-TP (HTR-CR) - 13 mm

## 13 mm 12MVP-TP Self Regulating Cable

MVP-TP cables are ideal for roof & gutter de-icing and help prevent ice damage caused by ice dams. They promote free flow of melt water through gutters and downspouts to ground level and drains, for residential and commercial applications. These cables use the latest self-regulating technology adjusting heat output according to the temperature, making them energy efficient and cost effective.

- Cable can be cut to desired length and overlapped without risk of overheating.
- Suitable for metal or plastic surfaces.
- Low installation and maintenance cost.
- Tinned copper braid provides additional protection to the cable core.
- Flame retardant thermoplastic outer jacket option, protects against certain chemical solution, abrasion and impact damage.

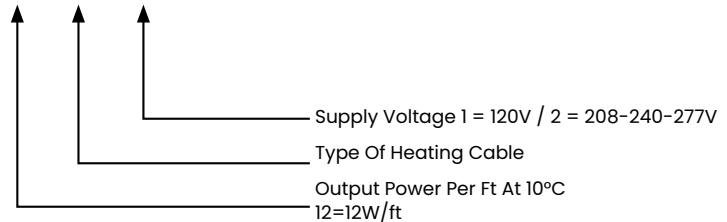


### Product number

MODEL	WATTS	VOLTAGE
12MVPI, 12MVP2	12	120V/240V

□ MVP-TP □

For Example: 12MVP2



SPECIFICATION	
Jacket	Thermoplastic
Chemical Resistance	Aqueous Inorganic Solutions
Nominal Thickness (mm)	6
Nominal Width (mm)	12.6
Minimum Bending Radius (mm)	36
Weight (kg/100m)	13.8
Electrical Classification	Non-Hazardous
Service Voltage	120V/240V (208-277V)
Max. maintain or continuous exposure temperature (power on)	65°C (150°F)
Max. Intermittent Exposure	85°C (185°F)
Minimum Installation Temperature	-40°C (-40°F)
Protective Braid resistance	<18.2 Ω/km
Bus Wire Gauge	16 AWG
Approvals	CSA / UL

Prices subject to change without notice.

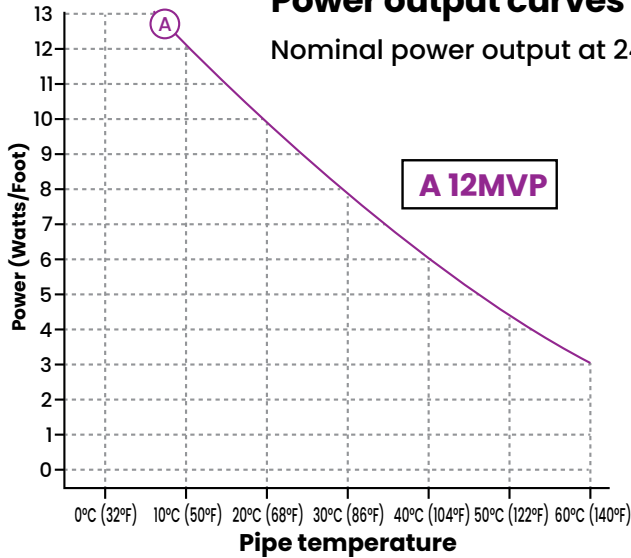
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### Power output curves

Nominal power output at 240V MVP-TP cable



**A 12MVP**

	Adjustment Factors			
	Power Output		Circuit Length	
	208V	277V	208V	277V
12MVP-TP	0.89	1.08	0.92	1.11

### Maximum Length Based On Circuit Breaker Size

Minimum Start-up Temp.	CB Size Amps	12MVP	
		120V	240V
		ft	ft
10°C (50°F)	15	80	160
	20	140	270
	30	150	310
	40	150	310
0°C (32°F)	15	75	150
	20	130	260
	30	145	290
	40	150	310
-10°C (14°F)	15	70	140
	20	115	230
	30	142	285
	40	150	310
-18°C (0°F)	15	60	120
	20	80	160
	30	140	280
	40	150	310
-29°C (-20°F)	15	50	105
	20	65	140
	30	110	225
	40	150	310
-40°C (-40°F)	15	45	90
	20	60	125
	30	90	190
	40	140	280