

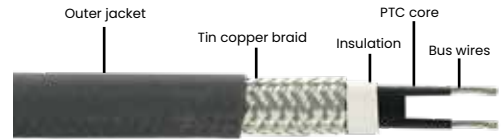


# TLC-TP - 12 mm

## 12 mm TLC-TP Self Regulating Heating Cable

TLC-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 ambient 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.

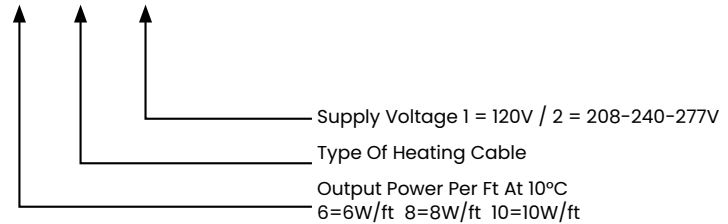


### Product number

MODEL	WATTS	VOLTAGE
6TLC-TP1, 6TLC-TP2	6	120V/240V
8TLC-TP1, 8TLC-TP2	8	120V/240V
10TLC-TP1, 10TLC-TP2	10	120V/240V

□ TLC-TP □

For Example: 6TLC-TP2



SPECIFICATION	
Jacket	Thermoplastic
Chemical Resistance	Inorganic aqueous solution
Nominal Thickness (mm)	6
Nominal Width (mm)	12
Minimum Bending Radius (mm)	36
Weight (kg/100m)	11
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	UL

Prices subject to change without notice.

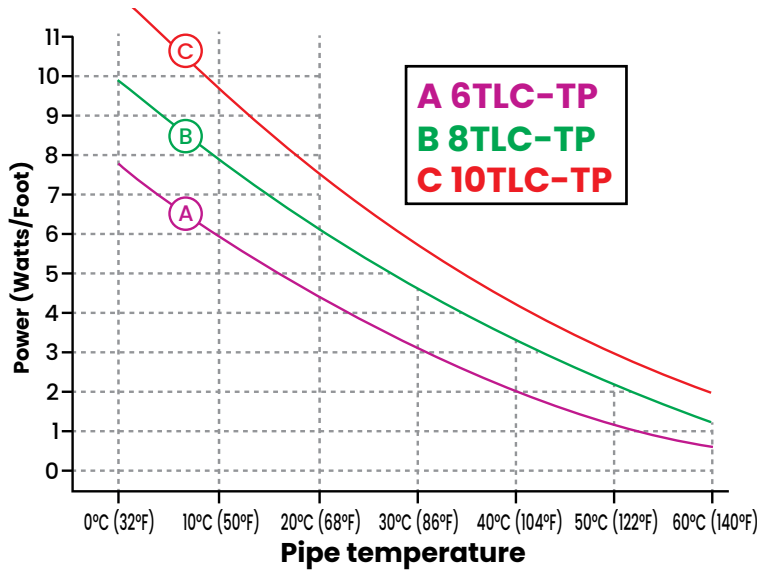
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### Power output curves

Nominal power output at 240V TLC cable



	Adjustment Factors			
	Power Output		Circuit Length	
	208V	277V	208V	277V
6TLC-TP	0.86	1.10	0.93	1.10
8TLC-TP	0.89	1.08	0.92	1.11
10TLC-TP			0.92	1.12

### Maximum Length Based On Circuit Breaker Size

Minimum Start-up Temp.	CB Size Amps	6TLC-TP		8TLC-TP		10TLC-TP	
		120V ft	240V ft	120V ft	240V ft		
10°C (50°F)	15	175	349	154	307	125	250
	20	233	465	205	409	167	334
	30	279	561	243	482	207	410
	40	279	561	243	482	207	410
0°C (32°F)	15	150	295	131	262	110	220
	20	197	394	175	350	146	293
	30	279	561	243	482	207	410
	40	279	561	243	482	207	410
-18°C (0°F)	15	113	226	104	207	90	179
	20	150	301	138	276	120	239
	30	226	451	207	415	179	359
	40	279	561	243	482	207	410
-29°C (-20°F)	15	99	198	92	184	81	161
	20	132	264	122	245	107	215
	30	198	395	184	367	161	322
	40	264	527	243	482	207	410
-40°C (-40°F)	15	88	176	82	165	73	146
	20	117	235	110	219	97	195
	30	176	352	165	329	146	292
	40	235	469	219	439	195	390

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