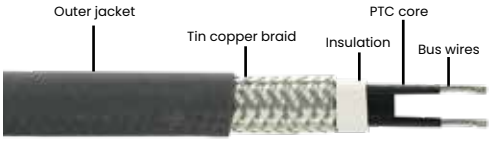
TLC-PW (HTLe-PW) - 11 mm

11 mm TLC-PW Self-Regulating heating cable for potable water with fluoropolymer sheat NSF/ANSI Standard 61

CND $ 6.95 li.ft.

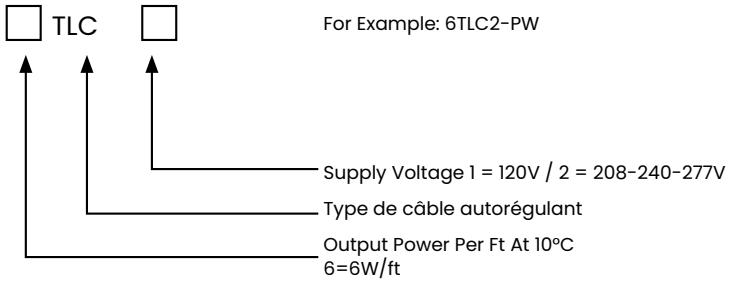
TLC-PW cables are ideal for freeze protection & process temperature maintenance on pipe, tanks and valves for residential and commercial applications for exposure to organic or corrosive solutions. These cables for potable water use the latest self-regulating technology adjusting heat output according 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.
- Fluoropolymer outer jacket, protects against certain chemical solution, abrasion and impact damage. Meets NSF/ANSI Standard 61 for potable water.

Product number

MODEL	WATTS	VOLTAGE
6TLC1-PW, 6TLC2-PW	6	120V/240V



SPECIFICATION	
Jacket	Fluoropolymer
Chemical Resistance	Organic and corrosive solutions
Nominal Thickness (mm)	6
Nominal Width (mm)	10.9
Minimum Bending Radius (mm)	36
Weight (kg/100m)	11
Electrical Classification	Non-Hazardous
Service Voltage	120V/240V (208-277V)
Max. maintain or continous exposure temperature (power on)	65°C (150°F)
Max. Intermitent 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	NSF/ANSI 61 / CSA

Prices subject to change without notice.

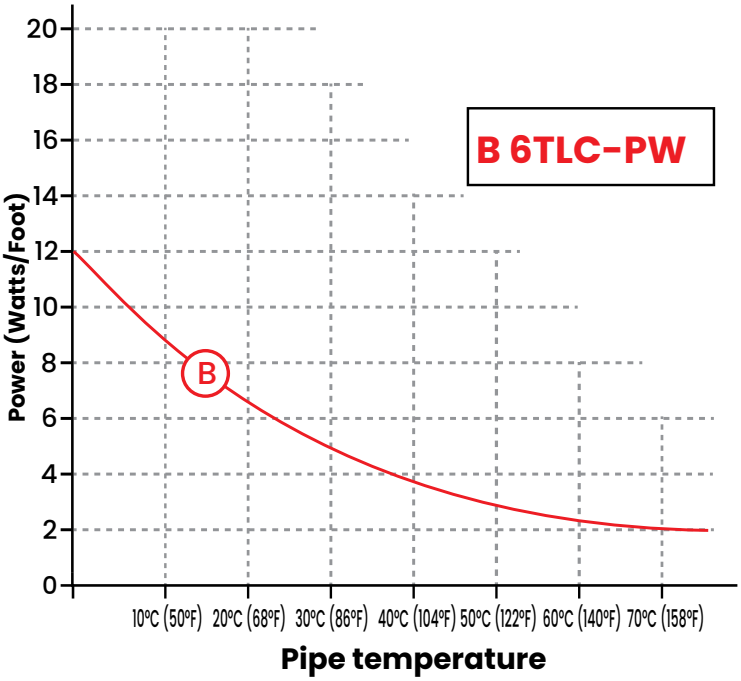
TLC-PW (HTLe-PW) - 11 mm

CND $
6.95 li.ft.

11 mm TLC-PW Self-Regulating heating cable for potable water with fluoropolymer sheat NSF/ANSI Standard 61

Power output curves

Nominal power output at 240V when TLC-PW is installed inside insulated metal pipes



Maximum Length Based On Circuit Breaker Size

Minimum Start-up Temp.	CB Size*	6TLC1-PW		6TLC2-PW	
	Amps	120V		240V	
		ft	M	ft	M
10°C (50°F)	10	85	26	170	51.8
	15	120	36.5	240	73.1
	20	148	45.1	295	90
	30	200	60.9	400	122
	40	200	60.9	400	122
0°C (32°F)	10	73	22.2	145	44.2
	15	102	31.1	203	61.8
	20	133	40.5	265	80.7
	30	200	60.9	400	122
	40	200	60.9	400	122

Example : Maximal cable length, with a 20 Amps breaker / 120 Volts at 0°C is 133 feet.

Prices subject to change without notice.

TLC-PW (HTLe-PW) MVP-PW (HTR-PW)- 11 mm

Accessories for TLC-PW potable water cable

CND $ 6.95 li.ft.

Brass Connection Kit

The Brass Connection Kit is for use with Drexma in-line GFI (120V, 15A) power cord to introduce a self-regulating heating cable into a potable water line by mean of a T-Connector.

ETA-BCK-ESPW

Brass connection kit

CONTENT:

3/4 " NPT Brass bushing with compression fitting & grommet. Crimp kit 14 AWG/120V wire.

CND $ $250

ETA-PIK (ET-08-PW)

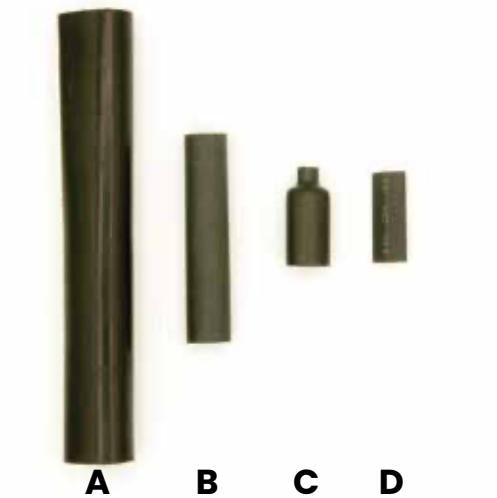
Plug In Cord Set 120V
125Ft of Cable Max.

CND $ $75

End seal kit

Protection kit for potable water

ETA-ESPW (ET12-PW)



CND $ $50

KIT CONTENTS		
Item	Qty.	Description
A	1	Heat shrink tube 150mm long x 19mm dia. (5-7/8" long x 3/4" dia.)
B	1	Heat shrink cap 12.5mm dia. (1/2" dia.)
C	1	Mastic strip 12.7mm wide. (1/2"wide.)
D	1	Heat shrink tube 80mm long x 16mm dia. (3-1/8" long x 2/3" dia.)

Prices subject to change without notice.

INXS61 / INXS81 (FSPC1), INXS62 / INXS82 (FSPC2)

INXS (standard 10 feet cold lead) terminated and plug-in self-regulating heating cable 120V & 240V - 6W & 8W

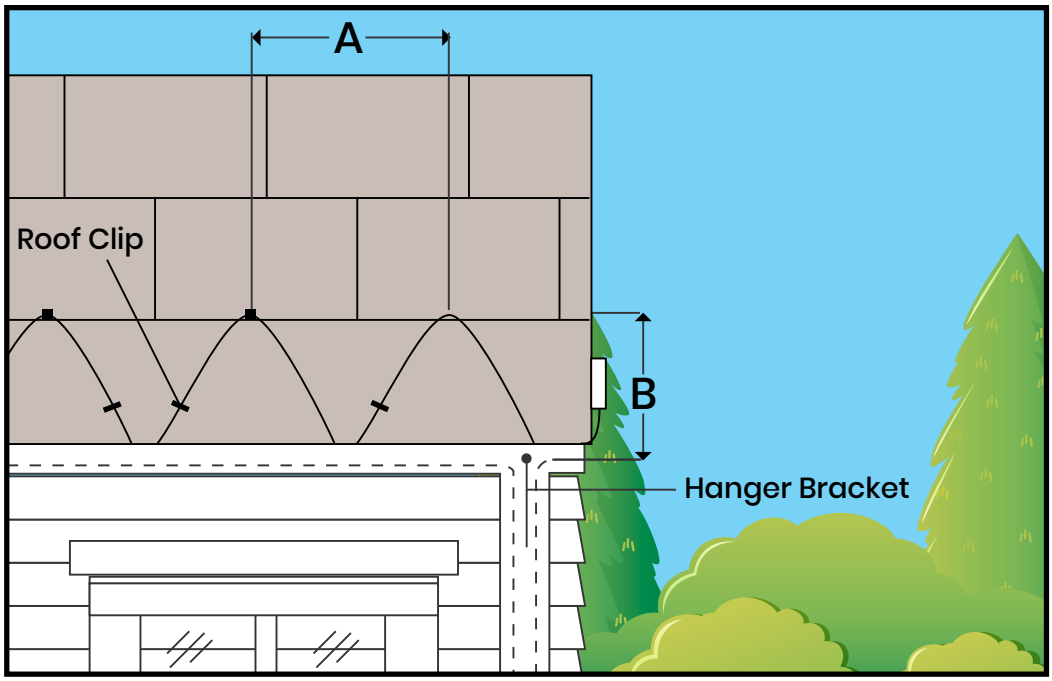
INXS61
INXS81

INXS62
INXS82

OPTIONAL ON REQUEST :
Longer cold lead are available up to 50 feet.

These heating cables provide, roofs and gutter systems protection from damage due to freezing, and can be used in residential and commercial applications. The cables automatically adjust heat output according to the ambient temperature conditions. Under cooler conditions the heat output increases, and as the temperature rises the output decreases to save on energy. The cables are available in various pre-assembled lengths.

- Comes in pre-cut lengths, sealed with cap and plug (120V only)
- Suitable for plastic or metal gutters and downspouts.
- Suitable for roofs,shingled and metal.
- Will not overheat if overlapped.



SPECIFICATION	
Jacket	Thermoplastic
Chemical Resistance	Aqueous inorganic solutions
Nominal Cable Width (in/mm)	0.23 in. / 5.8 mm
Nominal Cable Thickness (in/mm)	0.42 in. / 10.6 mm
Bus Wire Gauge (AWG)	16
Cold Lead Length (ft/m)	10' / 3.048 m
Min. Circuit Breaker Size (Amps)	15
Maximum Exposure temperature (°F/°C)	185/85
Electrical Classification	Non Hazardous
Approvals	ETL / UL

INXS61 / INXS81 (FSPC1), INXS62 / INXS82 (FSPC2)

Cable Selection Chart

	Model	Length		Cold lead size AWG	Output on pipe @50°F/10°C	Output on pipe @40°F/5°C	Output on Snow-Ice @32°F/0°C	CND $
	6W & 8W	Ft.	M					
120 V	INXS61-6 / INXS81-6	6	1.82	18 / 18	36W / 48W	43W / 57W	57W / 76W	$115.00
	INXS61-12 / INXS81-12	12	3.65	18 / 18	72W / 96W	86W / 115W	114W / 152W	$128.00
	INXS61-18 / INXS81-18	18	5.48	18 / 18	108W / 144W	130W / 173W	171W / 228W	$141.00
	INXS61-24 / INXS8124	24	7.31	18 / 18	144W / 192W	173W / 230W	228W / 304W	$183.00
	INXS61-37 / INXS81-37	37	11.28	18 / 18	225W / 296W	270W / 360W	356W / 475W	$244.00
	INXS61-50 / INXS81-50	50	15.24	16 / 18	300W / 400W	360W / 480W	475W / 633W	$275.00
	INXS61-62 / INXS81-62	62	18.90	16 / 18	375W / 496W	450W / 600W	594W / 792W	$348.00
	INXS61-75 / INXS81-75	75	22.86	16 / 18	450W / 600W	540W / 720W	712W / 949W	$388.00
	INXS61-87 / INXS81-87	87	26.52	16 / 18	525W / 696W	630W / 840W	831W / 1108W	$446.00
	INXS61-100 / INXS81-100	100	30.48	16 / 16	600W / 800W	720W / 960W	950W / 1267W	$486.00
	INXS61-112 / INXS81-112	112	34.14	14 / 16	675W / 896W	810W / 1080W	1064W / 1419W	$525.00
	INXS61-125 / INXS81-125	125	38.10	14 / 16	750W / 1000W	900W / 1200W	1187W / 1583W	$596.00
	INXS61-137 / INXS81-137	137	41.76	14 / 16	825W / 1096W	990W / 1320W	1301W / 1735W	$660.00
	INXS61-150 / INXS81-150	150	45.73	14 / 16	900W / 1200W	1080W / 1440W	1445W / 1927W	$708.00

	Model	Length		Cold lead size AWG	Output on pipe @50°F/10°C	Output on pipe @40°F/5°C	Output on Snow-Ice @32°F/0°C	CND $
	6W & 8W	Ft.	M					
240 V	INXS62-6 / INXS82-6	6	1.82	18 / 18	36W / 48W	43W / 57W	57W / 76W	$102.00
	INXS62-12 / INXS82-12	12	3.65	18 / 18	72W / 96W	86W / 115W	114W / 152W	$120.00
	INXS62-18 / INXS82-18	18	5.48	18 / 18	108W / 144W	130W / 173W	171W / 228W	$138.00
	INXS62-24 / INXS82-24	24	7.31	18 / 18	144W / 192W	173W / 230W	228W / 304W	$168.00
	INXS62-37 / INXS82-37	37	11.28	18 / 18	225W / 296W	270W / 360W	356W / 475W	$240.00
	INXS62-50 / INXS82-50	50	15.24	16 / 18	300W / 400W	360W / 480W	475W / 633W	$264.00
	INXS62-62 / INXS82-62	62	18.90	16 / 18	375W / 496W	450W / 600W	594W / 792W	$330.00
	INXS62-75 / INXS82-75	75	22.86	16 / 18	450W / 600W	540W / 720W	712W / 949W	$378.00
	INXS62-87 / INXS82-87	87	26.52	16 / 18	525W / 696W	630W / 840W	831W / 1108W	$438.00
	INXS62-100 / INXS82-100	100	30.48	16 / 16	600W / 800W	720W / 960W	950W / 1267W	$480.00
	INXS62-112 / INXS82-112	112	34.14	14 / 16	675W / 896W	810W / 1080W	1064W / 1419W	$534.00
	INXS62-125 / INXS82-125	125	38.10	14 / 16	750W / 1000W	900W / 1200W	1187W / 1583W	$588.00
	INXS62-137 / INXS82-137	137	41.76	14 / 16	825W / 1096W	990W / 1320W	1301W / 1735W	$642.00
	INXS62-150 / INXS82-150	150	45.73	14 / 16	900W / 1200W	1080W / 1440W	1445W / 1927W	$702.00
	INXS62-162 / INXS82-162	162	49.39	14 / 16	975W / 1296W	1170W / 1560W	1544W / 2059W	$750.00
	INXS62-175 / INXS82-175	175	53.35	14 / 16	1050W / 1400W	1260W / 1680W	1622W / 2163W	$810.00
	INXS62-200 / INXS82-200	200	60.97	14 / 16	1200W / 1600W	1440W / 1920W	1900W / 2533W	$930.00
	INXS62-225 / INXS82-225	225	68.59	14	1350W / 1800W	1620W / 2160W	2137W / 2849W	$1,050.00
	INXS62-250 / INXS82-250	250	76,21	14	1500W / 2000W	1800W / 2400W	2375W / 3166W	$1,170.00

Prices subject to change without notice.

INXS61 / INXS81 (FSPC1), INXS62 / INXS82 (FSPC2)

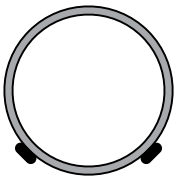
INXS - Self-Regulating heating cable

Freeze protection table

Typical insulated drain pipe choosing the right cable length for pipe tracing.

Size	Type	5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	40 ft	45 ft	50 ft	55 ft	60 ft	
1/2"	Metal	A	B	C	D	E	E	E	F	F	F	G	G	
	Plastic	A	B	C	D	E	E	F	F	F	G	G	H	
1"	Metal	A	B	C	D	E	E	E	F	F	F	G	G	
	Plastic	B	B	C	D	E	E	F	F	F	G	G	H	
1-1/2"	Metal	A	B	C	D	E	E	E	F	F	F	G	G	
	Plastic	B	C	D	E	E	F	F	F	G	G	H	H	
2"	Metal	A	B	C	D	E	E	E	F	F	G	G	H	
	Plastic	B	C	E	E	F	G	H	H	I	J	J	K	
2-1/2"	Metal	A	C	C	D	E	F	F	F	G	G	H	H	
	Plastic	B	D	E	F	G	H	I	J	K	L	M	L	
Size		**65 ft**	**70 ft**	**75 ft**	**80 ft**	**85 ft**	**90 ft**	**95 ft**	**100 ft**	**125 ft**	**150 ft**	**175 ft**	**200 ft**	**250 ft**
1/2"	Metal	H	H	H	I	I	J	J	J	L	N	P	Q	S
	Plastic	H	H	I	I	J	J	J	K	M	O	Q	R	
1"	Metal	H	H	H	I	I	J	J	J	L	N	P	Q	S
	Plastic	H	H	I	I	J	J	J	K	M	O	Q	R	
1-1/2"	Metal	H	H	H	I	I	J	J	J	L	N	P	Q	S
	Plastic	H	I	I	J	J	J	K	L	O	Q	R		
2"	Metal	H	H	I	I	J	J	J	K	M	O	Q	R	
	Plastic	L	M	N	N	O	P	Q	R	S				
2-1/2"	Metal	I	I	J	J	K	K	L	L	N	Q	R	S	
	Plastic	O	M	Q	Q	R	R	S	S					

Choosing the right cable length for pipe tracing



Legend Standard Cable Length (feet)

	A	B	C	D	E	F	G	H
120V	INXS1-6	INXS1-12	INXS1-18	INXS1-24	INXS1-37	INXS1-50	INXS1-62	INXS1-75
240V	INXS2-6	INXS2-12	INXS2-18	INXS2-24	INXS2-37	INXS2-50	INXS2-62	INXS2-75

	I	J	K	L	M	N	O	P
120V	INXS1-87	INXS1-100	INXS1-112	INXS1-125	INXS1-137	INXS1-150	-	-
240V	INXS2-87	INXS2-100	INXS2-112	INXS2-125	INXS2-137	INXS2-150	INXS2-162	INXS2-175

	Q	R	S
120V	-	-	-
240V	INXS2-200	INXS2-225	INXS2-250

INXS1=120VOLTS
INXS2=240VOLTS

Important:
If the cable is longer than the pipe, it must be spiraled around it, evenly distributed. If twice the length, double trace the cable straight on the pipe in a 4 and 7 o'clock position. Apply a minimum insulation thickness of one (1) inch.

The INXS cable can be run into an open non-pressurized drain pipe containing only water. The cable end seal cannot be immersed in water. Otherwise, place the self-regulating heating cable on the outside pipe with insulation.