

IN-PIPE FREEZE PROTECTION for potable water pipes



Complete accessory kits:



Kit 1 (Brass Kit 125)

GFCI plug with brass filling and end seal
Included: ETA-PIK-PW + ETA-ES-PW + ETA-BCK-PW
For 120V only.

325.00 \$



Kit 2 (Brass Kit 125+)

Power connection kit with brass fitting and end seal.
Included: ETA-CK-PW + ETA-ES-PW + ETA-BCK-PW
For 240V only.

285.00 \$

FEATURES

- Energy efficient, automatically varies its power output in response to pipe temperature changes.
- Easy to install, can be cut to any length (up to max circuit length) required on site with no wasted cable.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- No overheat or burnout even when wrapped over itself (overlapped).
- Elec-Trace Aqua, brass fitting and end seal kit will reduce installation time.

DESCRIPTION

HTLe increases or decreases the heat output in a self-regulating way depending on the change of the ambient temperature, the cable reduces its temperature as it warms, so this minimizes the effect of the heat on the temperature sensitive roof materials and it will never overheat or burnout even when wrapped over itself (overlapped). With outer-jacket, the heating cable is resistant to watery and inorganic chemicals and protects against abrasion and impact damage. Elec-Trace Aqua provides termination, power connection, splice, tee and end seal kit will reduce installation time and require no special skills or tools

ACCESSORIES

ETA-PIK-PW (ET-08-PW)	ETA-ES-PW (ET12-PW)
ETA-BCK-PW (BRASSCK)	ETA-CK-PW (ET00-PW)

DIMENSION AND WEIGHT

TYPE	DIMENSION	WEIGHT (KG/100M)
TLC-PW	10.3×5.4mm	10.5

MAXIMUM CIRCUIT LENGTH (FT) PER CIRCUIT BREAKER

		120V				240V			
		15A	20A	30A	40A	15A	20A	30A	40A
6TLC-PW	0°C	102	133	200	200	203	265	400	400
	-7°C	97	126	190	190	193	252	380	380
	-18°C	80	105	157	190	160	209	314	380

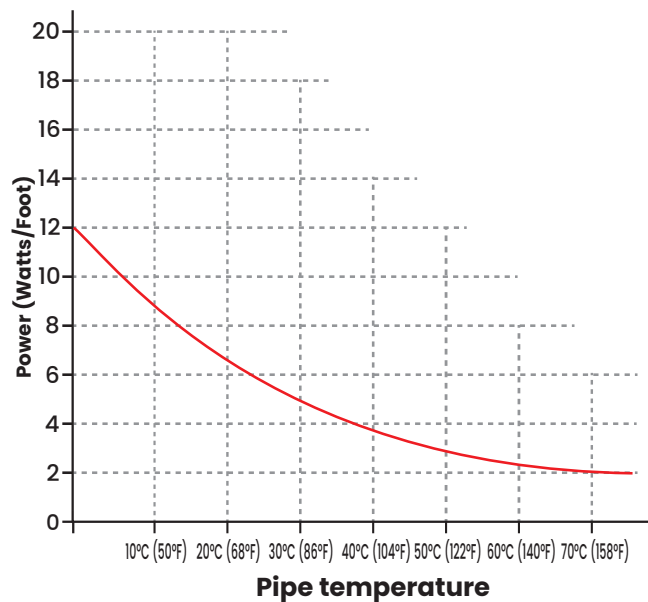
HEATING CABLE CONSTRUCTION



TECHNICAL DATA

Service voltage	110-120V, 208-240-277V
Jacket	Fluopolymere
Chemical resistance	Organic & corrosive solutions
Nominal thickness (mm)	6
Nominal width (mm)	10.9
Minimum bending radius (mm)	36
Weight (kg/100m)	11
Electrical classification	Non hazardous
Power output (nominal)	6W/ft(20W/m) in pipe
6HTLe1 and 6HTLe2	-18°(0°)
Minimum installation temperature	<18.2Ω/km
Protective braid resistance	16AWG
Bus wire gauge	5/8in (16mm)
Minimum bend radius	CSA/NSF/ANSI/ANSI61
Approvals	

POWER OUTPUT CURVES



INXS61-PW (FSPC1), INXS62-PW (FSPC2)

Cable Selection Chart. In pipe for potable water.



	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 \$
		Ft.	M					
120 V	INXS61-PW-6	6	1.82	18 / 18	36W / 48W	43W / 57W	57W / 76W	\$605.00
	INXS61-PW-12	12	3.65	18 / 18	72W / 96W	86W / 115W	114W / 152W	633.00
	INXS61-PW-18	18	5.48	18 / 18	108W / 144W	130W / 173W	171W / 228W	\$661.00
	INXS61-PW-24	24	7.31	18 / 18	144W / 192W	173W / 230W	228W / 304W	\$718.00
	INXS61-PW-37	37	11.28	18 / 18	225W / 296W	270W / 360W	356W / 475W	\$812.00
	INXS61-PW-50	50	15.24	16 / 18	300W / 400W	360W / 480W	475W / 633W	\$875.00
	INXS61-PW-62	62	18.90	16 / 18	375W / 496W	450W / 600W	594W / 792W	\$978.00
	INXS61-PW-75	75	22.86	16 / 18	450W / 600W	540W / 720W	712W / 949W	\$1,050.00
	INXS61-PW-87	87	26.52	16 / 18	525W / 696W	630W / 840W	831W / 1108W	\$1,139.00
	INXS61-PW-100	100	30.48	16 / 16	600W / 800W	720W / 960W	950W / 1267W	\$1,211.00
	INXS61-PW-112	112	34.14	14 / 16	675W / 896W	810W / 1080W	1064W / 1419W	\$1,280.00
	INXS61-PW-125	125	38.10	14 / 16	750W / 1000W	900W / 1200W	1187W / 1583W	\$1,384.00
	INXS61-PW-137	137	41.76	14 / 16	825W / 1096W	990W / 1320W	1301W / 1735W	\$1,478.00
	INXS61-PW-150	150	45.73	14 / 16	900W / 1200W	1080W / 1440W	1445W / 1927W	\$1,558.00



	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 \$
		Ft.	M					
240 V	INXS62-PW-6	6	1.82	18 / 18	36W / 48W	43W / 57W	57W / 76W	\$552.00
	INXS62-PW-12	12	3.65	18 / 18	72W / 96W	86W / 115W	114W / 152W	\$585.00
	INXS62-PW-18	18	5.48	18 / 18	108W / 144W	130W / 173W	171W / 228W	\$618.00
	INXS62-PW-24	24	7.31	18 / 18	144W / 192W	173W / 230W	228W / 304W	\$663.00
	INXS62-PW-37	37	11.28	18 / 18	225W / 296W	270W / 360W	356W / 475W	\$768.00
	INXS62-PW-50	50	15.24	16 / 18	300W / 400W	360W / 480W	475W / 633W	\$824.00
	INXS62-PW-62	62	18.90	16 / 18	375W / 496W	450W / 600W	594W / 792W	\$920.00
	INXS62-PW-75	75	22.86	16 / 18	450W / 600W	540W / 720W	712W / 949W	\$1,000.00
	INXS62-PW-87	87	26.52	16 / 18	525W / 696W	630W / 840W	831W / 1108W	\$1,090.00
	INXS62-PW-100	100	30.48	16 / 16	600W / 800W	720W / 960W	950W / 1267W	\$1,165.00
	INXS62-PW-112	112	34.14	14 / 16	675W / 896W	810W / 1080W	1064W / 1419W	\$1,249.00
	INXS62-PW-125	125	38.10	14 / 16	750W / 1000W	900W / 1200W	1187W / 1583W	\$1,336.00
	INXS62-PW-137	137	41.76	14 / 16	825W / 1096W	990W / 1320W	1301W / 1735W	\$1,420.00
	INXS62-PW-150	150	45.73	14 / 16	900W / 1200W	1080W / 1440W	1445W / 1927W	\$1,512.00
	INXS62-PW-162	162	49.39	14 / 16	975W / 1296W	1170W / 1560W	1544W / 2059W	\$1,590.00
	INXS62-PW-175	175	53.35	14 / 16	1050W / 1400W	1260W / 1680W	1622W / 2163W	\$1,683.00
	INXS62-PW-200	200	60.97	14 / 16	1200W / 1600W	1440W / 1920W	1900W / 2533W	\$1,865.00
	INXS62-PW-225	225	68.59	14	1350W / 1800W	1620W / 2160W	2137W / 2849W	\$2,048.00
	INXS62-PW-250	250	76.21	14	1500W / 2000W	1800W / 2400W	2375W / 3166W	\$2,230.00

Prices subject to change without notice.

INXS61 (FSPC1), INXS62 (FSPC2)

Cable Selection Chart. Cable on the pipe.



	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 \$
		Ft.	M					
120 V	6W & 8W							
	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 / INXS81-24	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 \$
		Ft.	M					
240 V	6W & 8W							
	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.

Terminated self-regulating heating cable 3W - 120V with cold lead plug-in and thermostat. Cable on the pipe



Cable length calculation and recommendation

Based on the diameter and length of standard pipes, we recommend cable lengths according to the following table.

Pipe diameter	Pipe material	Pipe length										
		3'	5'	10'	15'	20'	30'	40'	50'	60'	70'	80'
0.5"	Metal	3'	6'	12'	15'	24'	30'	40'	60'	60'	80'	80'
	Plastic	3'	6'	12'	15'	24'	30'	40'	60'	60'	80'	80'
0.75"	Metal	3'	6'	12'	15'	24'	30'	40'	60'	60'	80'	80'
	Plastic	3'	6'	12'	15'	24'	30'	40'	60'	60'	80'	80'
1"	Metal	3'	6'	12'	15'	24'	30'	40'	60'	60'	80'	80'
	Plastic	3'	6'	12'	15'	24'	30'	40'	60'	60'	80'	80'
1.5"	Metal	3'	6'	12'	15'	24'	30'	40'	60'	60'	80'	80'
	Plastic	6'	12'	24'	30'	40'	60'	80'				
2"	Metal	6'	12'	24'	30'	40'	60'	80'				
	Plastic	6'	12'	24'	30'	40'	60'	80'				
3"	Metal	6'	12'	24'	30'	40'	60'	80'				
	Plastic	6'	12'	24'	30'	40'	60'	80'				

You can use the number in the above chart to multiply the length of your pipe to pick up the right products. For example, if your pipe is metal, the length is 20 feet, the diameter of your pipe is 1" and the lowest ambient temperature is -20°F in your area, you will find the "1.3" based on the chart. You can use 20 feet x 1.3 = 26 feet. You can choose our 30feet SLIK preassemble heating cable (Pick the length wich is close to the number which you calculated).

SLIK can be installed straight along the pipe for some small pipes. At lower temperatures, for longer pipes, the cable needs to be installed by spiral to ensure the pipe can get the adequate heat from the cable to avoid the freezing.

NOTE: For each valve or spigot on pipe an additional foot of the cable is needed. When the cable is longer than the pipe, spiral the excess cable around the pipe length evenly.

Cable length specification

Modèle Model	Voltage V	Cable Length (Ft)	Power Output at 0°C/32°F on pipe(watts)	Power Output at 5°C/40°F on pipe(watts)	Power Output at 10°C/50°F on pipe(watts)	CND \$
SLIK-3-1	120	3	14.4	12	9	66.00\$
SLIK-6-1	120	6	28.8	24	18	77.00\$
SLIK-9-1	120	9	43.2	36	27	85.00\$
SLIK-12-1	120	12	57.6	48	36	90.00\$
SLIK-15-1	120	15	72	60	45	95.00\$
SLIK-18-1	120	18	86.4	72	54	105.00\$
SLIK-24-1	120	24	115.2	96	72	130.00\$
SLIK-30-1	120	30	144	120	90	150.00\$
SLIK-40-1	120	40	192	160	120	175.00\$
SLIK-60-1	120	60	288	240	180	200.00\$
SLIK-80-1	120	80	384	320	240	240.00\$
SLIK-100-1	120	100	480	400	300	295.00\$
SLIK-125-1	120	125	600	500	375	365.00\$
SLIK-150-1	120	150	720	600	450	435.00\$

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PIPE FREEZE PROTECTION SYSTEMS

On top of pipe accessories

ACCESSORIES

	ET-CK (ET-00)	Power connection kit for HTLe-TP and MVP (HTR)	\$55.00
	ET-CK+ES (ET-01)	Power Connection Kit + End Seal Kit for HTLe-TP and MVP (HTR)	\$75.00
	ET-AT (ET-02)	Aluminium Tape 165 Feet Roll	\$35.00
	ET-GCT (ET-03)	Glass Cloth Tape 66 Feet Roll	\$22.00
	ET-ES (ET-12)	End Seal Kit for HTLe-TP and MVP (HTR)	\$25.00

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PIPE FREEZE PROTECTION SYSTEMS

In-pipe accessories (see page 2)

ACCESSORIES			
	ETA-PIK-PW (ET-08-PW)	Power connection kit with in-line GFLP	75.00 \$
	ETA-BCK-PW (BRASSCK)	Brass Connection Kit for potable water	195.00 \$
	ETA-ES-PW (ET12-PW)	End seal kit for potable water	35.00 \$
	ET-CK (ET-00)	Power connection kit for potable water	\$55.00
	A421-AEC-02C	Electronic Temperature Control, 10 Amps, 24V - 120V/208V/240V	\$350.00

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