

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



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



INXS61  
INXS81

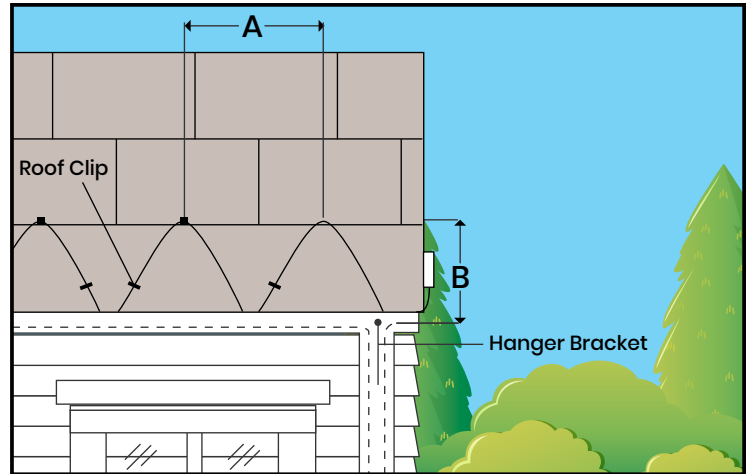
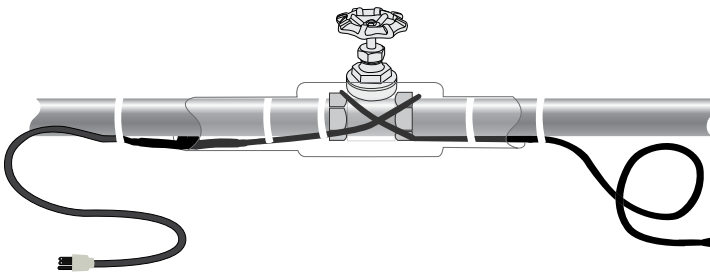
INXS62  
INXS82

**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.

ROOF AND GUTTER CABLE SYSTEMS



- 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 / 5.8
Nominal Cable Thickness (in/mm)	0.42 / 10.6
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

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## INXS - Self-Regulating heating cable

### Pipe 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	-	-	-	INXS1=120VOLTS				
240V		INXS2-200	INXS2-225	INXS2-250	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.

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

## Cable Selection Chart

120 V	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
		6W & 8W	Ft.				
	INXS61-6 / INXS81-6	6	1.82	18 / 18	36W / 48W	43W / 57W	57W / 76W
	INXS61-12 / INXS81-12	12	3.65	18 / 18	72W / 96W	86W / 115W	114W / 152W
	INXS61-18 / INXS81-18	18	5.48	18 / 18	108W / 144W	130W / 173W	171W / 228W
	INXS61-24 / INXS81-24	24	7.31	18 / 18	144W / 192W	173W / 230W	228W / 304W
	INXS61-37 / INXS81-37	37	11.28	18 / 18	225W / 296W	270W / 360W	356W / 475W
	INXS61-50 / INXS81-50	50	15.24	16 / 18	300W / 400W	360W / 480W	475W / 633W
	INXS61-62 / INXS81-62	62	18.90	16 / 18	375W / 496W	450W / 600W	594W / 792W
	INXS61-75 / INXS81-75	75	22.86	16 / 18	450W / 600W	540W / 720W	712W / 949W
	INXS61-87 / INXS81-87	87	26.52	16 / 18	525W / 696W	630W / 840W	831W / 1108W
	INXS61-100 / INXS81-100	100	30.48	16 / 16	600W / 800W	720W / 960W	950W / 1267W
	INXS61-112 / INXS81-112	112	34.14	14 / 16	675W / 896W	810W / 1080W	1064W / 1419W
	INXS61-125 / INXS81-125	125	38.10	14 / 16	750W / 1000W	900W / 1200W	1187W / 1583W
	INXS61-137 / INXS81-137	137	41.76	14 / 16	825W / 1096W	990W / 1320W	1301W / 1735W
	INXS61-150 / INXS81-150	150	45.73	14 / 16	900W / 1200W	1080W / 1440W	1445W / 1927W

240 V	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
		6W & 8W	Ft.				
	INXS62-6 / INXS82-6	6	1.82	18 / 18	36W / 48W	43W / 57W	57W / 76W
	INXS62-12 / INXS82-12	12	3.65	18 / 18	72W / 96W	86W / 115W	114W / 152W
	INXS62-18 / INXS82-18	18	5.48	18 / 18	108W / 144W	130W / 173W	171W / 228W
	INXS62-24 / INXS82-24	24	7.31	18 / 18	144W / 192W	173W / 230W	228W / 304W
	INXS62-37 / INXS82-37	37	11.28	18 / 18	225W / 296W	270W / 360W	356W / 475W
	INXS62-50 / INXS82-50	50	15.24	16 / 18	300W / 400W	360W / 480W	475W / 633W
	INXS62-62 / INXS82-62	62	18.90	16 / 18	375W / 496W	450W / 600W	594W / 792W
	INXS62-75 / INXS82-75	75	22.86	16 / 18	450W / 600W	540W / 720W	712W / 949W
	INXS62-87 / INXS82-87	87	26.52	16 / 18	525W / 696W	630W / 840W	831W / 1108W
	INXS62-100 / INXS82-100	100	30.48	16 / 16	600W / 800W	720W / 960W	950W / 1267W
	INXS62-112 / INXS82-112	112	34.14	14 / 16	675W / 896W	810W / 1080W	1064W / 1419W
	INXS62-125 / INXS82-125	125	38.10	14 / 16	750W / 1000W	900W / 1200W	1187W / 1583W
	INXS62-137 / INXS82-137	137	41.76	14 / 16	825W / 1096W	990W / 1320W	1301W / 1735W
	INXS62-150 / INXS82-150	150	45.73	14 / 16	900W / 1200W	1080W / 1440W	1445W / 1927W
	INXS62-162 / INXS82-162	162	49.39	14 / 16	975W / 1296W	1170W / 1560W	1544W / 2059W
	INXS62-175 / INXS82-175	175	53.35	14 / 16	1050W / 1400W	1260W / 1680W	1622W / 2163W
	INXS62-200 / INXS82-200	200	60.97	14 / 16	1200W / 1600W	1440W / 1920W	1900W / 2533W
	INXS62-225 / INXS82-225	225	68.59	14	1350W / 1800W	1620W / 2160W	2137W / 2849W
	INXS62-250 / INXS82-250	250	76.21	14	1500W / 2000W	1800W / 2400W	2375W / 3166W

Prices subject to change without notice.