

# SSFP

## SELF-REGULATING FREEZE PROTECTION PREASSEMBLED CABLE



### MELT AWAY YOUR WORRIES

This heating cable protects pipes, roofs and gutter systems from damage due to freezing and can be used in residential and light commercial applications. The self-regulating freeze protection cable automatically adjusts its 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. This product comes preassembled in various lengths and is available in 120 V and 240 V.

#### SELF-REGULATING PREASSEMBLED CABLE

#### FOR RESIDENTIAL AND COMMERCIAL APPLICATIONS

#### 240 V MODELS AVAILABLE WITH THREE-WIRE PIGTAIL

#### WIDE VARIETY OF LENGTHS

#### MANUFACTURING

- normal cable width 0.42 in.
- normal cable thickness 0.23 in.
- cable bus wire gauge 16 AWG
- cold lead length 6 ft

#### WATTAGE

- 5 W/ft at 50°F

#### INSTALLATION

- minimum circuit breaker size is 15 amps
- maximum exposure temperature is 185°F
- electrical classification: nonhazardous

#### WARRANTY

- two years



QUICK PLUG-IN INTO  
RESIDENTIAL 120 V OUTLET

#### IDEAL FOR:

pipes at risk of freezing and roofs and gutters  
with ice damming problems



# TECHNICAL SPECIFICATIONS

PRODUCT	LENGTH	REFERENCE	COLD LEAD WITH PLUG	POWER OUTPUT ON PIPE		
				WATTS @ 50°F	WATTS @ 40°F	WATTS @ 32°F
CODE	FT		AWG			
<b>120 VOLTS</b>						
SSFP1W05L0006	6	A	18	30	36	60
SSFP1W05L0012	12	B	18	60	72	120
SSFP1W05L0018	18	C	18	90	108	180
SSFP1W05L0024	24	D	18	120	144	240
SSFP1W05L0036	36	E	18	180	216	360
SSFP1W05L0050	50	F	16	250	300	500
SSFP1W05L0075	75	G	16	375	450	750
SSFP1W05L0100	100	H	16	500	600	1000
SSFP1W05L0125	125	I	14	625	750	1250
SSFP1W05L0150	150	J	14	750	900	1500
<b>240 VOLTS</b>						
SSFP2W05L0036	36	E	18	180	216	360
SSFP2W05L0050	50	F	16	250	300	500
SSFP2W05L0075	75	G	16	375	450	750
SSFP2W05L0100	100	H	16	500	600	1000
SSFP2W05L0125	125	I	14	625	750	1250
SSFP2W05L0150	150	J	14	750	900	1500

# PIPE CABLE SELECTION

TYPE OF PIPE	PIPE DIAMETER (IN.)	PIPE LENGTH (FT)																								
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	130	140	150
METAL	½	A	B	C	D	E	E	E	F	F	F	G	G	G	G	H	H	H	H	H	I	I	J	J	J	
	1	A	B	C	D	E	E	E	F	F	F	G	G	G	G	H	H	H	H	H	I	I	J	J	J	
	1½	A	B	C	D	E	E	E	F	F	F	G	G	G	G	H	H	H	H	H	I	I	J	J	J	
	2	A	B	C	D	E	E	E	F	F	G	G	G	G	G	H	H	H	H	H	I	I	J	J	J	-
	2½	A	B	C	D	E	E	E	F	F	G	G	G	G	G	H	H	H	H	H	I	I	J	J	J	-
PLASTIC	½	A	B	C	D	E	E	E	F	F	F	G	G	G	G	H	H	H	H	H	I	I	J	J	J	
	1	B	B	C	D	E	E	E	F	F	G	G	G	G	G	H	H	H	H	H	I	I	J	J	-	
	1½	B	C	D	E	E	F	F	G	G	G	H	H	H	H	I	I	J	J	J	-	-	-	-	-	
	2	B	C	E	F	F	G	G	G	H	H	H	I	I	J	J	-	-	-	-	-	-	-	-	-	
	2½	B	D	E	F	G	G	G	H	H	I	I	J	J	-	-	-	-	-	-	-	-	-	-	-	

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

## POWER OUTPUT CURVES

Nominal power output at 240 V when SSFR heating cable is installed on insulated metal pipes.

