

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. (10.6 mm)
- normal cable thickness 0.23 in. (5.8 mm)
- cable bus wire gauge 16 AWG
- cold lead length 6 ft (1.8 m)

WATTAGE

- 5 W/ft at 50°F (10°C)

INSTALLATION

- minimum circuit breaker size is 15 amps
- maximum exposure temperature is 85°C (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



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FC_SSFP_EN_280420

TECHNICAL SPECIFICATIONS

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

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	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.

