

Cozy Heat® SR5/SR9/SR12 Floor & Space Heating Cable DATA SHEET

Description:

Cozy Heat self-regulating floor warming, slab heating, and frost heave prevention cables are designed to economically and effectively provide heat to warm floors and/or efficiently heat a space.

Cozy Heat cables produces 5/9/12 watts per foot at 32 degrees creating optimal floor and space heating, while carrying an industry leading 10yr warranty. Cozy Heat has

options for running at 120, 208, 240, or 277 volt power.

Cozy Heat self regulating capability means that as the temperature around it decreases the heat output increases to more effectively warm at lower temperatures. Conversely as the temperature around it rises Cozy Heat decreases its heat output saving energy and money.

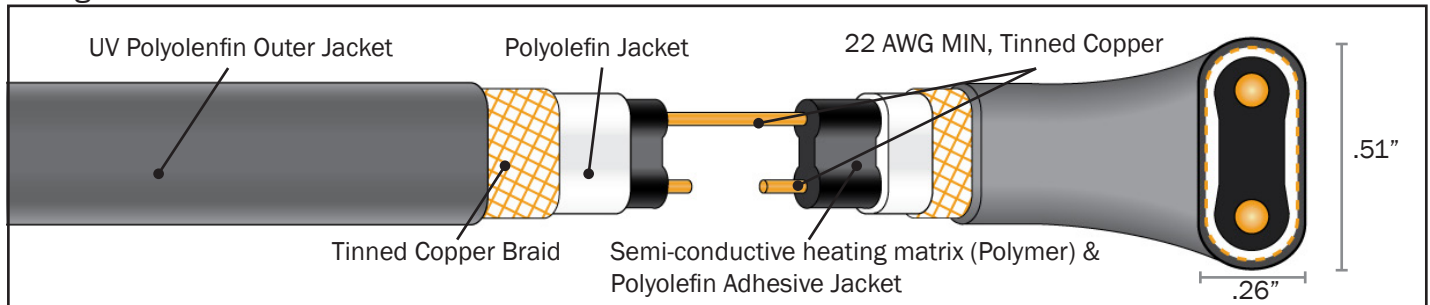
Applications:

Floor Heating	Frost Heave Prevention
Slab Heating	Heat Loss Replacement

Other Information:

Power Dividing Factor	208 VAC	277 VAC
SR5-2	.86	1.16
SR9-2	.92	1.09
SR12-2	.96	1.06

Design:



Specifications:

Bus Wire	22 AWG MIN, Tinned Copper
Core & Liner	Semi-conductive heating matrix (Polymer) & Polyolefin Adhesive Jacket
Second Jacket	Polyolefin Jacket
Metallic Shield	Tinned Copper Braid
Outer Jacket	UV Polyolefin Over Jacket
Minimum Bending Radius	1"
Supply Voltage/s	120 or 208-277 Vac
Max. Maintenance Temperature	185°F (85°C)
Max Intermittent Exposure Temperature	212°F (100°C)
Nominal Power Output at 32°	5 or 9 or 12 watts/foot
Warranty	10 year limited warranty
Listing Agency	ETL (Intertek Testing Laboratory)

Circuit Sizing:

Model #	Operating Voltage	Watts/ft in Ice/Snow	15A CB			20A CB			30A CB		
			@-20°F	@0°F	@40°F	@-20°F	@0°F	@40°F	@-20°F	@0°F	@40°F
SR5-1	120 Vac	5	180'	200'	300'	230'	270'	270'	330'	330'	330'
SR5-2	208-277 Vac	5	360'	410'	600'	480'	560'	660'	660'	660'	660'
SR9-1	120 Vac	9	85'	95'	150'	100'	125'	200'	170'	190'	210'
SR9-2	208-277 Vac	9	170'	195'	295'	225'	250'	390'	340'	375'	420'
SR12-1	120 Vac	12	60'	70'	115'	85'	95'	150'	120'	145'	180'
SR12-2	208-277 Vac	12	130'	150'	230'	175'	200'	305'	260'	300'	360'



Note: Ground fault protection must be used when installing all Cozy Heat® SR products. Refer to the NEC or CEC for specific requirements.



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FOR MORE INFORMATION
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