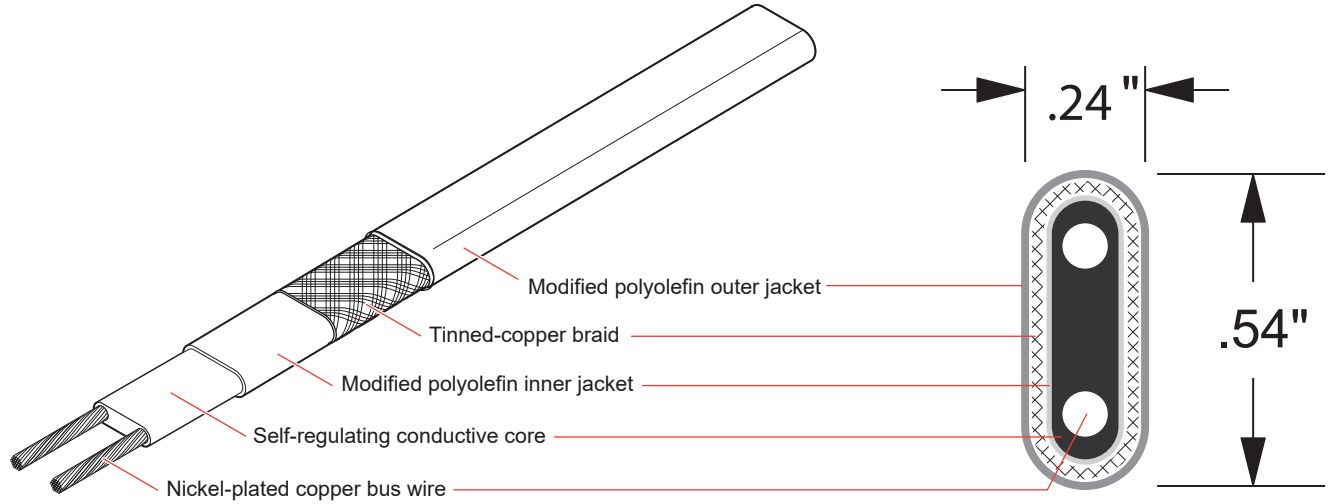




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## S1 and S2 High Performance 12 Watt/Foot Self-regulating Heater Cable Specifications



### S1 and S2 Self-regulating heating cable construction

Bus Wire	16 AWG, Nickel-plated Copper
Heating Core	Radiation Cross-linked Polyolefin
Primary dielectric insulation	Radiation Cross-linked Polyolefin
Metallic Braid	14 AWG (equivalent size) Tinned Copper
Outer Jacket	Polyolefin
Minimum Bend Radius	3/4 inch
Supply Voltage	120 or 208-277 Vac

### S1 and S2 Self-regulating heating cable selection

Model Number	Operating Voltage	Power Output in Snow/Ice (nominal)	Maximum Circuit Length vs Breaker Size			
			20A CB		30A CB	
			@ 0°F	@ 32°F	@ 0°F	@ 32°F
S1	120 Vac	12 W/ft	103 ft	135 ft	155 ft	200 ft
S2	208 Vac	12 W/ft	194 ft	253 ft	292 ft	380 ft
S2	240 Vac	12 W/ft	205 ft	266 ft	307 ft	400 ft
S2	277 Vac	12 W/ft	225 ft	289 ft	337 ft	415 ft

### Cables Meet or Exceed the Following Tests . . .

Abrasion Resistance	UL 1588 (8.3); IEEE 515.1 (4.3.4)
Cold Bend	IEEE 515.1 (4.2.10)
Deformation	IEEE 515.1 (4.2.8)
Dielectric Withstand	IEEE 515.1 (4.2.1)
Resistance to Impact	UL 1588 (8.2)
Resistance to Cutting	IEEE 515.1 (4.3.3)
Resistance to Crushing	UL 1588 (8.1)
Temperature	UL 1588 (9.1-9.3)
UV and Condensation	IEEE 515.1 (4.3.2)
Vertical Flame	UL 1588 (8.5)

#### Approvals



De-Icing and Snow-Melting Equipment Radiant Heating Cable



Certified S1 and S2 heating cables



With S1 and S2 heating cables

Important: Ground fault protection is required for each branch circuit. Use only Summit Ice Melt Systems approved components with this heating cable.