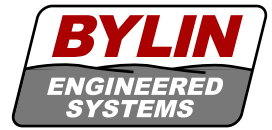


Bylin Engineered Systems

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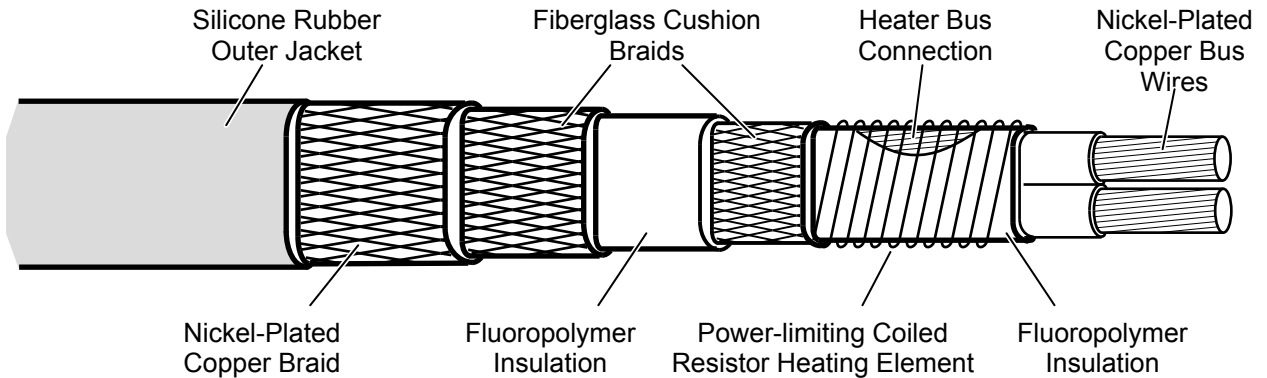


SMB Driveway/Walkway Snowmelt Cable

Power Limiting Heating Cable

The SMB power limiting heating cable is specifically designed for 208, 240, 277 and 480 Vac operation in concrete and asphalt driveway, walkway and stairway snowmelt applications

Product Specifications . . .



Bus Wire	12 AWG, Nickel-plated Copper
Heating Element	Power limiting "coiled resistor alloy"
Primary Dielectric Insulation	Fluoropolymer
Metallic Braid	12 AWG (equivalent size) Nickel-plated Copper
Outer Jacket	Silicone Rubber
Minimum Bend Radius	1 1/2 inch
Supply Voltage	208, 240, 277 or 480 Vac

Cable Selection . . .

Model Number	Operating Voltage	Power Output @ Steady State Snowmelting (nominal)	Maximum Circuit Length vs Breaker Size		
			30A	40A	50A
SMB-20	208 Vac	30 W/ft	162 ft	216 ft	270 ft
SMB-24	240 Vac	30 W/ft	186 ft	248 ft	310 ft
SMB-27	277 Vac	30 W/ft	216 ft	288 ft	360 ft
SMB-48	480 Vac	30 W/ft	359 ft	479 ft	600 ft

Cables Meet or Exceed the Following Tests . . .

Water Resistance Test	IEEE 515.1 (4.2.2)
Cold Impact	IEEE 515.1 (4.2.9)
Cold Bend	IEEE 515.1 (4.2.10)
Deformation	IEEE 515.1 (4.2.8)
Flammability	IEEE 515.1 (4.2.7)
Resistance to Cutting	IEEE 515.1 (4.3.3)
Resistance to Crushing	IEEE 515.1 (4.4.2)
Thermal Stability	IEEE 515.1 (4.2.6)

IMPORTANT: Ground fault protection is required for each branch circuit.
Use only Bylin approved components with this heating cable.

