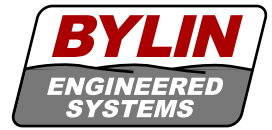


# Bylin Engineered Systems

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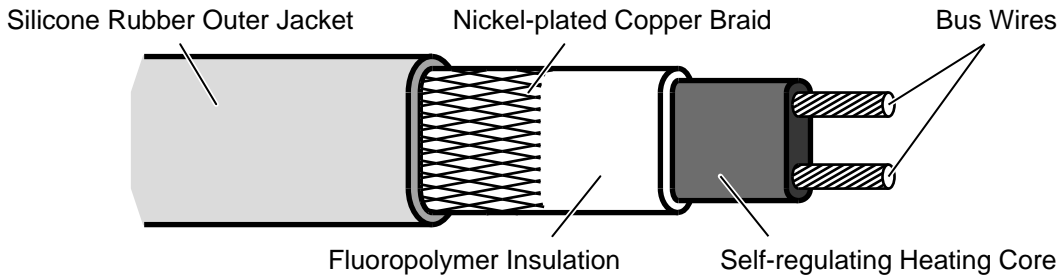


## SMC Driveway/Walkway Snowmelt Cable

### Self-Regulating Heating Cable

The SMC self-regulating heating cable is specifically designed for 208, 240 and 277 Vac operation in concrete driveway, walkway and stairway snowmelt applications

### Product Specifications . . .



Bus Wire . . . . .	16 AWG, Nickel-plated Copper
Heating Core . . . . .	Self-regulating Polymer
Primary dielectric insulation . . . . .	Fluoropolymer
Metallic Braid . . . . .	16 AWG (equivalent size) Nickel-plated Copper
Outer Jacket . . . . .	Silicone Rubber
Minimum Bend Radius . . . . .	1 1/2 inch
Supply Voltage . . . . .	208, 240 or 277 Vac

### Cable Selection . . .

Model Number	Operating Voltage	Start-up Temperature	Power Output @ Steady State Snowmelting (nominal)	Maximum Circuit Length vs Breaker Size		
				20A	30A	40A
SMC-24	208 Vac	0°F	28 W/ft	105 ft	157 ft	210 ft
	240 Vac	0°F	28 W/ft	115 ft	172 ft	230 ft
SMC-27	277 Vac	0°F	28 W/ft	135 ft	202 ft	270 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.

