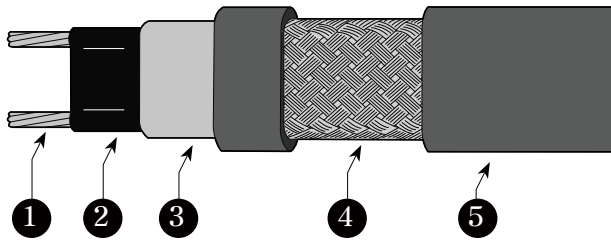


FSR40-2CR Field Assembled Type

Self-Regulating Heating Cable

Floor Self Regulating

Product Structure



1. Bus Wires[Nickel-plated Copper / Tinned Copper]
2. Conductive Core [Heating Matrix]
3. Inner Jacket [Modified Polyolefin]
4. Metallic Braid [Tinned Copper]
5. Outer jacket [CR: Modified Polyolefin]

The FSR family of self-regulating heating cables can be used for preventing frost on cold storage warehouse floors, stairs, small parking lot, and for heating inside dormitory, lounge, auditorium, etc.

The heating cables are configured for use in floor heating, and its screening effect of non-magnetic self heating cable has environmental benefits. It doesn't emit electromagnetic radiation to a human body. Through self-regulating property, it can increase energy efficiency.

Specification

Max. Intermittent Exposure Temp. (Heating device energized or de-energized)	100°C(212°F)
Max. Maintain or Continuous Exposure Temp.	85°C(185°F)
Supply Voltage	208 - 277 VAC
Output Wattage	40W/m (@0°C Embedded in Mortar)
Bus wire gauge	16 AWG
Min. Bending Radius	40mm(@-40°C) 1.57in(@-40°F)
Min. Installation Temperature	-40 °C / -40°F
Protection	NEMA 4X, Type4X, IP66
Outer Jacket Color	Gray
Braid Coverage	Minimum 80%
Braid Electrical Resistance	Maximum 0.012Ω/m

*Technical information subject to change without notification.

Model Type Definition

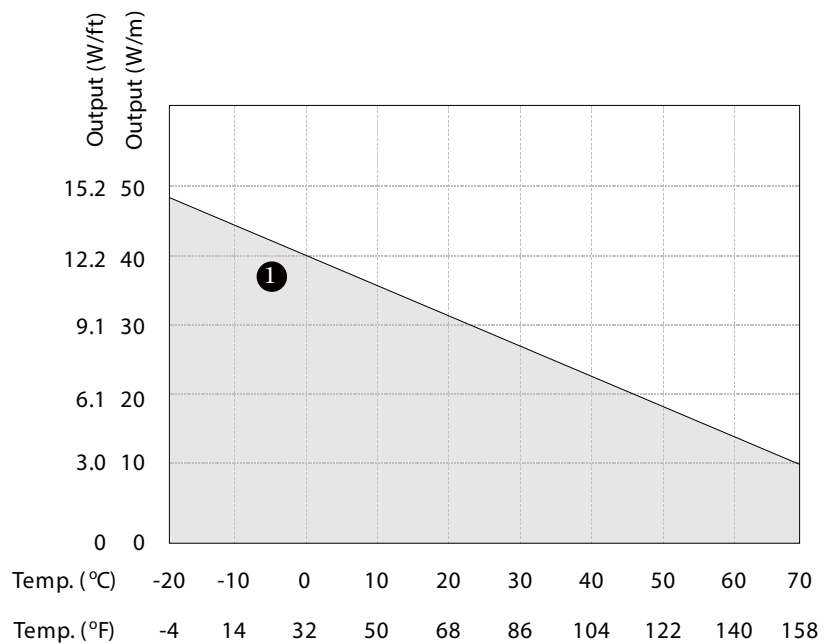
Type	Max m	Max A	Max W	FSR40-2CR
FSR40-2CR	103	17.2	4120	

Note

1. Electrical equipment T-ratings codes define the maximum surface temperature that equipment will reach. It is used in hazardous (classified) area applications.

Thermal Ouput Ratings in 0°C Mortar at 240V

① FSR 40



Note

1. Thermal outputs above are tested in accordance with IEEE 515, with each model on a metallic pipe insulated with a fiberglass insulation.

*Technical information subject to change without notification.