

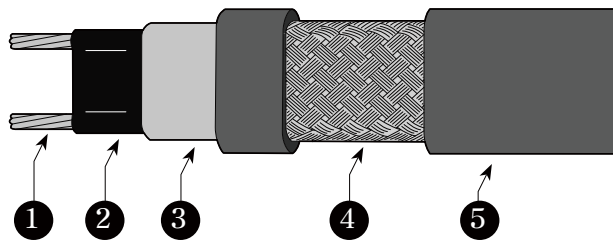
FM*-2CR

Field Assembled Type

Self-Regulating Heating Cable

Freeze Melting

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]

Xarex FM family of self-regulating heating cables can be used for snow-melting and defrosting the territory paved with concrete.
The heating cables are configured to be easily installed.

The cable consist of two parallel bus wires embedded a semi-conductive matrix, auto-matically responding to change in ambient conditions, and will not overheat or burnout, even when overlapped or when an air pocket is present in the concrete.

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	60, 80W/m (@0°C Embedded in Concrete)
Bus wire gauge	14 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	Orange
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
FM60-2CR	50	12.5	3000
FM80-2CR	37	12.3	2952

FM□-2CR

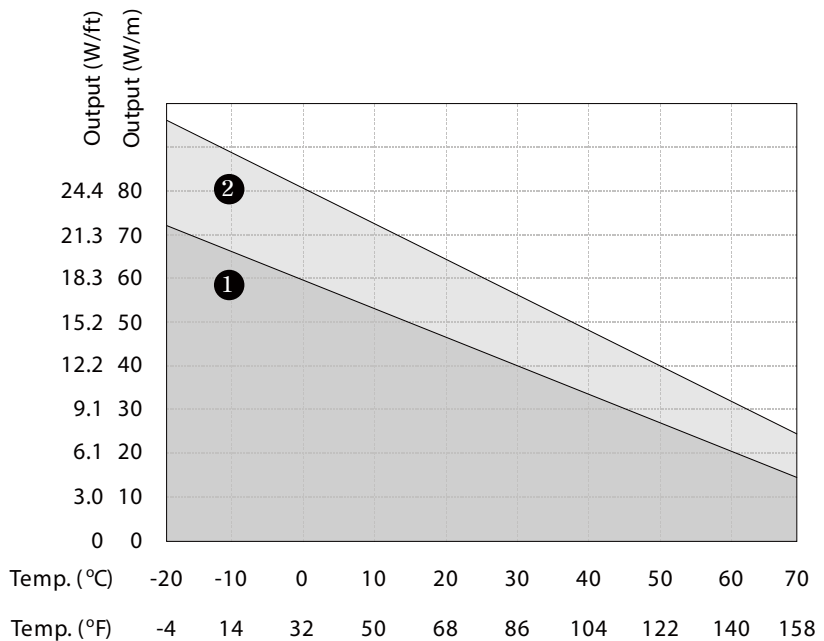
Output Wattage : 60, 80W/m

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 Concrete at 240V

- ① FM 60
- ② FM 80



Note

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

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