



SR-MA

Micro Self-Regulating Heating Cable SR-MA

Features

Outer jacket

- Thermoplastic (AO).

Bus wire

- Nickel plated copper, 18 AWG.

Minimum start-up temperature

- -30 °C (-22 °F).

Maximum operating temperature (power on)

- 60 °C (140 °F).

Maximum continuous exposure temperature (power off)

- 60 °C (140 °F).

Nominal voltage

- 120V.

Bending radius, minimum

- 25 mm (1 in.).

Installation temperature, minimum

- -45 °C (-49 °F).

Standard

- IEEE 515, CSA 22.2 130.03

Certification

- FM CUS 3050047

Rating

- Wet rated, for outdoor use (WS).

Warranty

- 1-year basic warranty on the heating cable.

Application

- Heat tracing of metallic and non-metallic pipes, pumps, vessels and valves,
- food processing industry, automotive, refrigeration, sprinkler systems, sewage pipes and intake drain pipes.





Model

| Nominal output W/ft. | Product # 120V ^{1,2} | Cable dimension approx. (mm) |
|-------------------------|----------------------------------|---------------------------------|
| 5 | ELSR-MA-5-1-AO | 8.1 x 5.8 |

¹ AO Aluminum foil and a thermoplastic outer jacket.

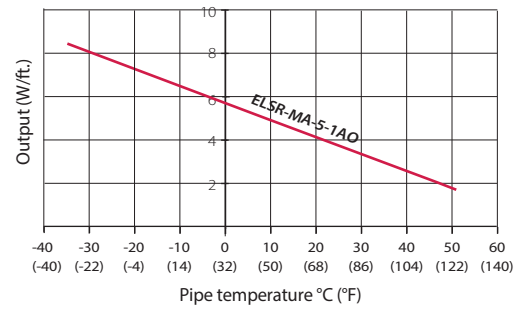
² When ordering, the quantity on the purchase order is equal to the length in feet of the cable required.
E.g.: To order a 500 ft., cable, write 500 for quantity with product code.

Heating circuit length

| Start-up temperature | 120V | |
|----------------------|------------------------------|--|
| | Circuit breaker capacity (A) | Maximum heating circuit (ft.) for ELSR-MA-5-1-AO |
| 10 °C (50 °F) | 10 | 132 |
| | 15 | 190 |
| | 20 | 190 |
| | 25 | 190 |
| 0 °C (32 °F) | 10 | 110 |
| | 15 | 174 |
| | 20 | 174 |
| | 25 | 174 |
| -10 °C (14 °F) | 10 | 94 |
| | 15 | 150 |
| | 20 | 161 |
| | 25 | 161 |
| -30 °C (-22 °F) | 10 | 73 |
| | 15 | 117 |
| | 20 | 141 |
| | 25 | 141 |

ELSR-MA-5-1-AO output

(on insulated metallic pipes, in accordance with IEEE 515/CSA 22.2 130-03)



Maximum heating circuit on the following conditions:

- 120 Voltage
- MCB type QO (100% utilization)
- Voltage drop max. 10%
- Single cable fed 1 end

Accessories

See Accessories section.