



# SM2-CR Series

Self-Regulating Heating Cable  
Snow Melting & De-Icing



## Key Features

- Specifically designed for direct burial in concrete to melt out snow piled up on street
- Low power consumption by adjusting heat output automatically based on surface temperature due to the self-regulating conductive polymer core
- Post-treated under elevated temperature in annealing process to give its stability in long-term operation without losing heat output
- Durable, flexible, and excellent heat resistant
- Cut to length installation

## Ordering Information

SM 2 - CR  
①                      ②

① Voltage	<b>2</b>	200 - 254V AC
② Material of Outer Jacket	<b>CR</b>	Modified Polyolefin

## Max. Length vs. Circuit Breaker Size

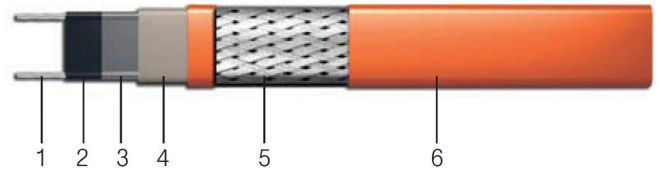
[Unit: m]

	Start-up temperature	20A	30A	40A	50A
SM2 - CR 220V	10°C	23	35	50	65
	0°C	20	33	45	55
	-10°C	17	31	40	50

## Specifications

Nominal Power Output (at 0°C in concrete)	80 W/m (24 W/ft)
Bus Wires	14 AWG
Cable spacing	25 cm (4 m / sq. m)
Continuous Maintenance Temperature	Max. 90°C (194°F)
Installation Temperature	Min. -10°C (14°F)
Supply Voltage	200 - 254V AC

## Product Construction



- Copper bus wire
- Self-regulating conductive core
- Inner adhesive jacket
- Modified polyolefin jacket
- Tinned-copper braid
- Outer jacket

