

EM4-CW CONSTANT WATTAGE CABLE KIT



nVent RAYCHEM EM4-CW is a constant output trace heating cable for simple, fast and effective ramp and access way heating to prevent snow and ice formation. It is designed for applications where a 3 phase (400 V) supply is available. Pre-terminated.

FEATURES & BENEFITS

Simple to design: variable power output dependent upon cable spacing, up to 300 W/m², variety of sizes available to meet project requirements

Easy to install: flexible, excellent for irregular shaped areas, pre-terminated

Safe and efficient in operation through advanced energy saving controls

Reliable during long life: 10 year product warranty available, maintenance free

SPECIFICATIONS

Heating Cable Technology Constant Wattage

Nominal Voltage 400 V

Nominal Power Output @ 400V 25 W/m

Outer Jacket Material PVC

Color Blue

Ground Path Type Braid

Area Classification Non-Hazardous

Min Installation Temperature 5 °C

Max Continuous Exposure Temperature, Power Off 65 °C

Cold Lead Length 4 m

Min Bending Radius 50 mm

Table 1/1				
Catalog Number	Item Name	Nominal Width	Nominal Height	Length
1244-005191	EM4-CW-121M	8.9 mm	5.5 mm	121 m
1244-005194	EM4-CW-172M	8.9 mm	5.5 mm	172 m
1244-005196	EM4-CW-210M	8.9 mm	5.5 mm	210 m
1244-005198	EM4-CW-250M	8.9 mm	5.5 mm	250 m
1244-005182	EM4-CW-26M	8.9 mm	5.5 mm	26 m
1244-005184	EM4-CW-35M	8.9 mm	5.5 mm	35 m
1244-005188	EM4-CW-62M	8.9 mm	5.5 mm	62 m

The heating cable should be installed on a stable subsurface. In suspended structures the substratum may consist of finished slabs, pre-stressed concrete or a suspended structure with poured concrete. The heating cables can be laid on all subsurfaces including reinforcement grids/bars. In the case of poured concrete, it should be ensured that the surface is smooth and all sharp objects are removed. Ramps on a solid substratum do not require any additional thermal insulation. Appropriate preparations should be made for installing the temperature and moisture sensor.

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