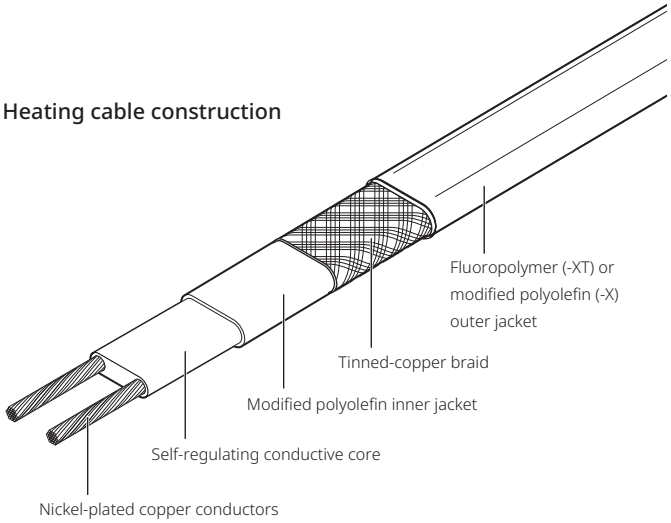
GM-2X/GM-2XT

Raychem

Self-regulating heating cables for roof & gutter snow melting and de-icing

PRODUCT DESCRIPTION



Raychem GM-2X and GM-2XT heating cables provide roof and gutter snow melting and de-icing for following applications:

Roofs comprising standard roofing materials, including slate, shingle, bitumen, tar, wood, metal, and plastic.

Gutters of standard materials, including metal, plastic, and wood.

Drainpipes of standard materials, including metal and plastic.

The heating element of a GM-2X(T) consists of a continuous core conductive polymer extruded between two copper conductors. As current flows through the core, the heating cable regulates its heat output in accordance with ambient conditions. The self-regulating feature eliminates hot spots and results in better temperature control to protect roof and gutter materials.

The heating cable is available with a fluoropolymer outer jacket (-XT) which provides maximum abrasion, chemical, and mechanical resistance; or a polyolefin outer jacket (-X) that is more economical for less demanding applications.

ADVANTAGES

Low installed cost

The GM-2X (T) heating cable's parallel circuitry allows it to be cut to the exact length. Such characteristics simplify and streamline the design of a roof and gutter snow melting system.

Installation is quick and simple. Features that make the snow melting system easy to install in new build projects, or as part of ongoing during building renovation.

chemelex

TECHNICAL DATA

Product description and order reference	GM-2XT (PCN 092961-000) GM-2X (PCN 446105-000)
Power Output (nominal)	36 W/m @ 0°C in ice water
Supply Voltage	230 Vac
Max circuit length	80 m
Minimum Installation Temperature	–18°C
Maximum exposure temperature	65°C cont. power on (85°C intermittent)
Product dimensions	13,7 mm x 6,2 mm
Conductors	1,2 mm^2 nickel-plated copper
Braid/Outer Jacket	Tinned-copper braid with fluoropolymer (-XT) or modified polyolefin (-X) outer jacket
Weight	~130 g/m
Minimum Bending Radius	16 mm
Connection Kits	Raychem RayClic or heat shrink connection kits must be used with GM2-X(T) heating cables.

APPROVALS

VDE Reg. Nr. 1885

SEMCO

The GM-2X(T) heating cables are VDE and SEMKO Certified, and approved only when used with the appropriate agency-approved Raychem connection kits and accessories.

PRODUCT REFERENCES

	Voltage	Max. circuit length				
Circuit breaker size		6 A	10 A	13 A	16 A	20 A
GM2XT and GM-2X	230 V	25 m	40 m	50 m	60 m	80 m

The subfloor should be clean, stable and rigid, without cracks or adhesion-reducing substances.

Large cracks in the subfloor should be filled prior to laying the mat.

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