

DEVlceguard™ 18



The DEVlceguard™ is a self-limiting parallel heating cable that is used for ice and snow melting on roofs and in gutters and downpipes.

The self-limiting capability of the cable ensures that the output of the cable

increase or decrease according to ambient temperature.

The heating cable is flexible and easy to install as it can be cut to length at site and installed directly on to the roof and gutter system.

Benefits:

- Easy to install
- Cut to length on site

Standard compliance:

- EN 62395-1: 2013

Approvals:

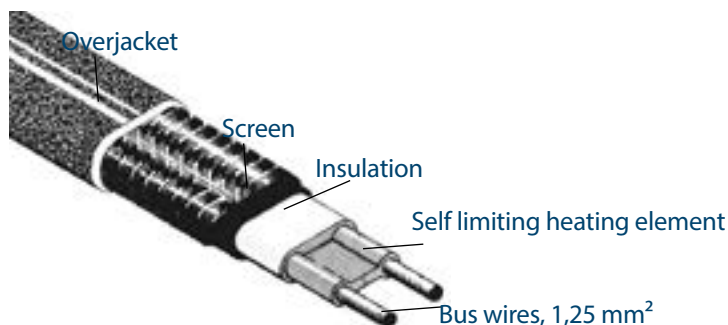


Type	Value
Operational voltage	230 V AC
Output	18 W/m @ 0 °C
Output tolerance (min-max)	15,4-23,1 W/m @ 10 °C
Maximum permissible use temperature	65 °C, powered 85 °C, unpowered
Minimum installation temperature	-5 °C
Cable dimensions	11,8 mm x 5,8 mm (+/- 0,4 mm)
Outer sheath	UV protected, black TPE
Screen	Tinned copper braid, 1,25 mm ²
Minimum braid coverage	80%
Maximum resistance protective braid	14,8 Ω/Km
Bending Ø, min.	50 mm (Ø to the inside of the cable)
IP Class	IPX7

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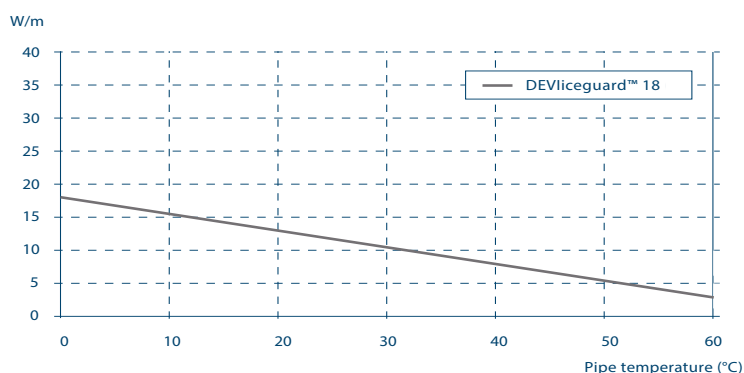
Product Code	Nominal output @ 0 °C	Unit
01-98300809	18 W/m	Per Meter

Construction



Power output characteristic

Output of heating cable installed and measured on a pipe.



- Nickel plated copper bus wires
- Radiation Cross-Linked Semiconductive Heating Matrix
- Radiation Cross-Linked Primary Dielectric Insulation
- Tinned copper braid
- Polyolefin over jacket