



## DEVIceguard™ 18 (B)

The DEVIceguard™ 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**
- **Readymade lengths**

### Standard compliance:

- SS 4242411

### Approvals:

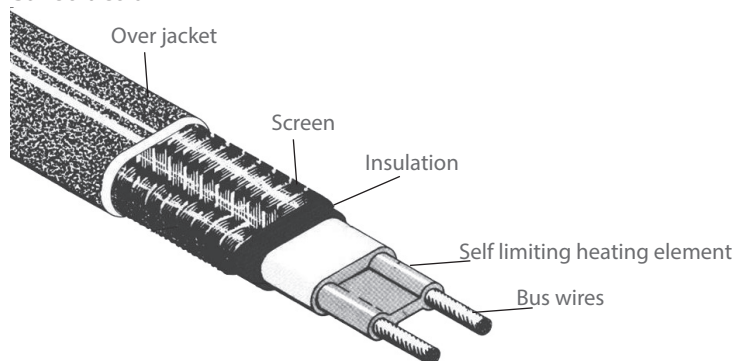


Type	Value
Operation voltage	230 V AC
Output	18 W/m @ 0 °C (15 W/m @ 10 °C)
Output (min-max)	15-20 W/m @ 0 °C
Maximum permissible use temperature	65 °C, powered 85 °C, unpowered
Minimum installation temperature	-50 °C
Cable dimensions	11,8 mm × 5,8 mm
Outer sheath	Black, TPE
Minimum braid coverage	80%
Maximum resistance protective braid	14,8 Ω/Km
Bending Ø, min.	50 mm (Ø to the inside of the cable)

### Types

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300810	<b>DEVIceguard™ 18</b>	Drum, 100 m	100 m	1	5703466177198
98300809	<b>DEVIceguard™ 18</b>	Drum, 270 m	270-330 m	1	5703435005576
98300831	<b>DEVIceguard™ 18</b>	Drum, 720 m	720-880 m	2, between 100 & 880 m	5703466096581
98300827	<b>DEVIceguard™ 18</b>	Cut-to-length	1 m	-	5703466193372

### Construction



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

**Maximum heating circuit length on a pipe, with circuit breaker with C-characteristic**

Switch on temperature	DEVliceguard™ 18			
	16 A	20 A	25 A	32 A
10 °C	145 m	162 m	162 m	162 m
-15 °C	93 m	125 m	142 m	162 m
-30 °C	77 m	106 m	135 m	160 m

**Heating power**

