



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
- Readymade lengths

Standard compliance:

- SS 4242411

Approvals:

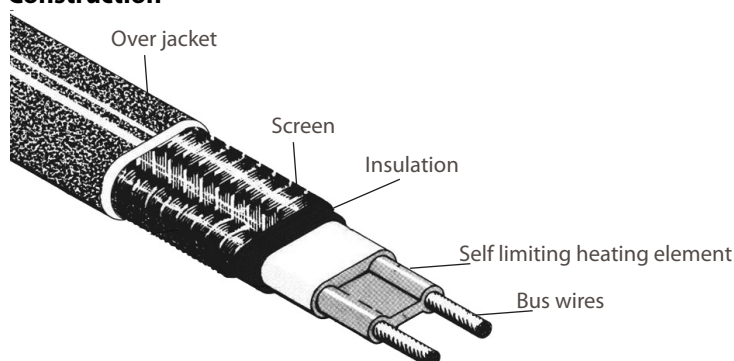


| Type | Value |
|---|--|
| Operation voltage | 230 V AC |
| Output | 18 W/m @ 10° C |
| Maximum permissible use temperature | 65° C, powered 85° C, unpowered |
| Minimum use temperature | - 51° C |
| Cable dimensions | 11.8 mm × 5.8 mm |
| Outer sheath | Polyolefin |
| Minimum braid coverage | 80% |
| Maximum resistance protective braid | 14.8 Ω/Km |
| Bending radius | 32 mm (radius to the inside of the tape) |
| Max. installation length - with 16 A circuit breaker | |
| 10° C | 82 m |
| -15° C | 60 m |
| -20° C | 50 m |

Types

| Item no. | Type | Description | EAN no. |
|----------|---------------------------------|-------------------|---------------|
| 98300860 | DEVlceguard™ 18 | Black, 100 m drum | 5703466213483 |
| 98300861 | DEVlceguard™ 18 | Black, 250 m drum | 5703466213490 |
| 98300862 | DEVlceguard™ 18 | Black, 750 m drum | 5703466213506 |
| 98300844 | DEVlceguard™ 18 | Cut-to-length | 5703466213926 |
| 98300835 | DEVlceguard™ 18 Readymade, 2 m | 36W @ 10° C | 5703466202678 |
| 98300836 | DEVlceguard™ 18 Readymade, 4 m | 72W @ 10° C | 5703466202685 |
| 98300837 | DEVlceguard™ 18 Readymade, 6 m | 108W @ 10° C | 5703466202692 |
| 98300838 | DEVlceguard™ 18 Readymade, 8 m | 144W @ 10° C | 5703466202708 |
| 98300839 | DEVlceguard™ 18 Readymade, 10 m | 180W @ 10° C | 5703466202715 |
| 98300840 | DEVlceguard™ 18 Readymade, 15 m | 270W @ 10° C | 5703466202722 |
| 98300841 | DEVlceguard™ 18 Readymade, 23 m | 414W @ 10° C | 5703466202739 |
| 98300842 | DEVlceguard™ 18 Readymade, 30 m | 540W @ 10° C | 5703466202746 |
| 98300843 | DEVlceguard™ 18 Readymade, 50 m | 900W @ 10° C | 5703466202753 |

Construction



- 1.3 mm² nickel plated copper bus wires
- Radiation Cross-Linked Semiconductive Heating Matrix
- Radiation Cross-Linked Primary Dielectric Insulation
- Tinned copper braid
- Polyolefin over jacket