



ECiceguard 18 Ready-made

The ECiceguard is readymade self-limiting parallel heating cable that is used for ice and snow melting on roofs, in gutters and downpipes (UV-resistant).

ECiceguard heating cables should not be in direct contact with bitumen.

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.

All self-limiting heating cables must be over-temperature protected by a thermostat, as the output will decrease, but never be zero, and be protected by a RCD with a maximum trip current of 30 mA.

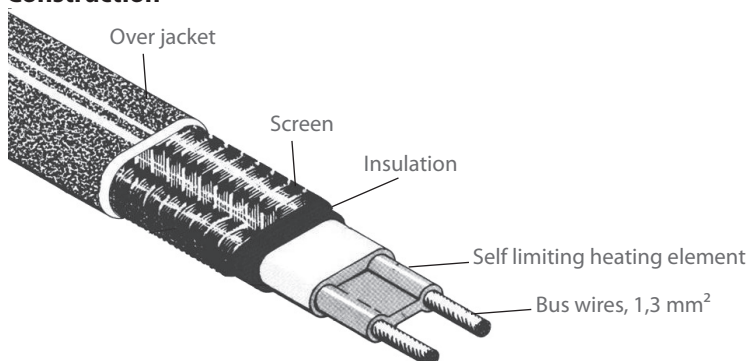
Product specifications

Benefits • Easy to install • Cut to length on site • Ready-made lengths Compliance symbols: Standard compliance: • IEC60800:2021	Nominal voltage	230 V AC
	Nominal output	20 W/m @ 0 °C (18 W/m @ 10 °C)
	Output tolerance (min-max)	19,6 - 26,3 W/m @ 10 °C
	Maximum permissible use temperature	65 °C, powered 85 °C, unpowered
	Minimum installation temperature	-5 °C
	Cable dimensions	11,3 × 5,8 mm
	Outer sheath	Black UV protected, TPE
	Screen	Tinned copper braid, 1,3 mm ²
	Minimum braid coverage	80%
	Maximum resistance protective braid	14,8 Ω/Km
	Cold lead	5 m DTCL, 3G 1,5mm ²
	Bending Ø, min.	64 mm (Ø to the inside of the cable)
	IP Class	IPX7

Types: ECiceguard 18 Ready-made

Item no.	Cable length	Nominal output @ 10 °C	Cold lead	EAN no.
088L6575	2 m	36 W	5 m	5703466247020
088L6576	4 m	72 W	5 m	5703466247037
088L6577	6 m	108 W	5 m	5703466247044
088L6578	8 m	144 W	5 m	5703466247051
088L6579	10 m	180 W	5 m	5703466247068
088L6580	15 m	270 W	5 m	5703466247075
088L6581	23 m	414 W	5 m	5703466247082
088L6582	30 m	540 W	5 m	5703466247099
088L6583	50 m	900 W	5 m	5703466247105

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	Power W/m	ECiceguard 18				
		10 A	16 A	20 A	25 A	32 A
10 °C	18	51	82	103	129	129
0 °C ice water	38	38	60	75	94	95
-10 °C	43	34	54	68	85	95
-20 °C	49	30	50	60	75	95
-30 °C	54	27	44	55	69	88
-40 °C	60	25	40	50	62	80

Power output characteristic

Output of heating cable installed and measured on a pipe.

