

DESCRIPTION

GutterTherm GDIT is a flexible self-limiting trace heating cable for protection against ice and snow build up. GutterTherm can be cut to any length and being self-limiting, automatically varies its heat output with changes to surrounding temperatures. As the cable self-regulates its heat output, it limits the maximum sheath temperature, thus making it burn-out proof. The 'cold tail' can be terminated to a supply cable and connected directly to the mains supply. A black TPE outer jacket ensures the required UV and moisture resistance.

1 year manufacturers warranty.

APPLICATION

GutterTherm GDIT trace heating cable is ideal for preventing the build up of snow and ice on roofs, roof gutters and down pipes in industrial, commercial and domestic applications. GutterTherm is constructed of a self-regulating polymer core that varies its output along its entire length, saving energy and eliminating hot spots along the pipe.

COMPLIANCES

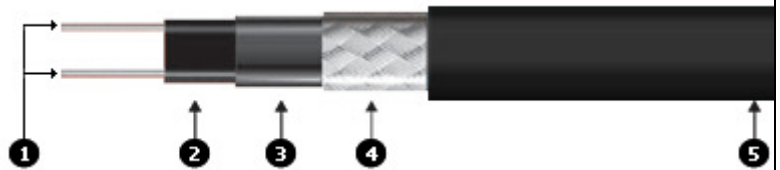
- IEC 60800
- EN-62395-1



CONSTRUCTION

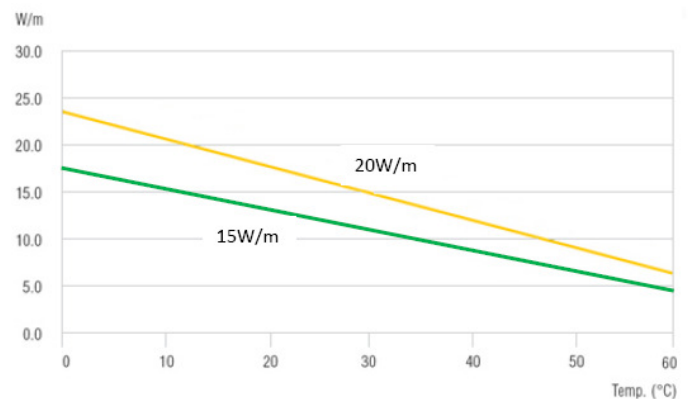
- 1) Coated copper bus wires
- 2) Semi conductive heating core extruded over bus wires
- 3) TPE Insulation
- 4) Coated copper braid for continuous ground path
- 5) TPE outer jacket

Nominal dimensions – 10.5mm x 6mm



TECHNICAL SPECIFICATIONS

Cable	GDIT-SR15	GDIT-SR20
Heating Power W/m (230V AC) at 10 °C	15	20
Voltage Supply	230VAC, 50Hz	
Min. Installation Temperature	-30 °C	
Application Temperature up to	-30 °C	
Operating Temp – Switched on	Max 65 °C	
Operating Temp – Switched off	Max 85 °C (1000 hours cumulative)	
Minimum Bending Radius	25mm	
Circuit Breaker	Max. 16 A (C type)	



Start temp	Breaker (A)	GDIT – RS15		GDIT – RS20	
		10	16	10	16
10°C	m	104	139	79	110
-15°C	m	69	89	49	71
-20°C	m	58	78	42	58

Max trace length vs breaker size

INSTALLATION

- GutterTherm GDIT can be installed onto roof over hangs, in gutters and in down pipes to melt snow and ice.
- No special tools required.
- Termination and power connection kits available for quick and easy installation.

ENERSAVE Products Limited

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