

CLD...CT

Electrical heating tape for roof and gutter protection from snow and ice build up.

Self-Regulating Heating Tape

85°C

- High UV resistance
- Will not overheat or burnout, even when overlapped
- Can be cut to length with no wastage
- Easy to assemble
- Available for 220..277V AC (110..120V AC on request)

Beschreibung

Quintherm CLD is a special self-limiting heating cable for gutter heating and to prevent formation of snow slab on roofs areas.

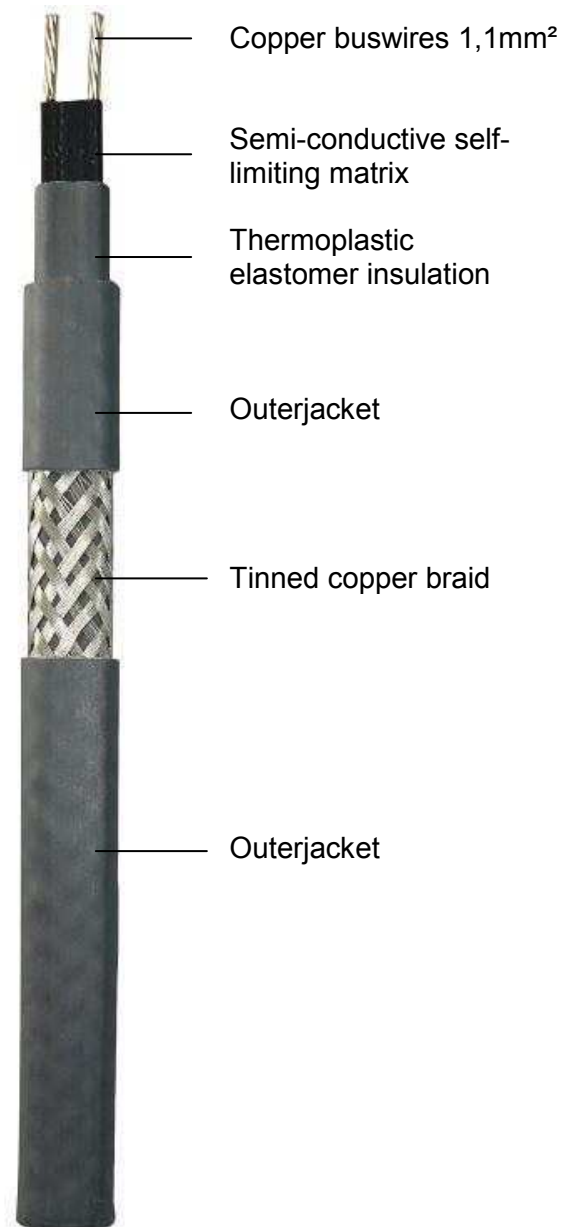
Thanks to the UV resistance, these heating tapes are well suitable to the requirements of this particular application. By the temperatur resistance of 85°C this heating tape resists even hot surfaces caused by sun exposure.

Its self-regulating characteristics improve safety and reliability. Quintherm CLD will not overheat or burnout, even when overlapped. The power output is self-regulated in response to the ambient temperature.

On the characteristics can be seen that the heating tape can reach a power output of 36W/m in ice water to ensure the required defrost ability.

Possible applications

- Gutter heating
- Roof valley heating
- Downspoot heating
- Roof area heating
- Roof drain heating
- Facade heating



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Technical Data

Max. Allowed Temperature:	Energized 85°C De-Energized 85°C
Min. Installation Temperature:	-40°C (CENELEC -20°C)
Power Supply:	220-277V AC
Maximum Resistance Of	
Protective Braiding:	≤ 18,2Ohm/km

Type	Nominal Dimensions (mm)	Weight Kg/100m	Min. Bending Radius (mm)	Gland size
CLD	10,5 x 5,9	10,0	35	M20

Power Output

In air at 0°C: 18W/m

In ice water: 36W/m

Cold Start Data

Start at °C	Current (A/m) at 230V AC
-20°C	0,272
0°C	0,212
+10°C	0,180

Ordering Information

Example:

CLD182CT

Quintherm CLD _____
 Nominal Output 18W/m at 0°C _____
 Supply Voltage 220-277V _____
 Tinned Copper Braid _____
 Thermoplastic Outerjacket (T) _____



Max. Length (m) vs. Circuit Breaker Size

Type	Start-up Temp.	10A	16A	20A	30A
CLD182CT	10°C	56	88	92	-
	0°C	48	76	92	-
	-20°C	36	58	74	92

For use with Typ C circuit breakers to EN60898

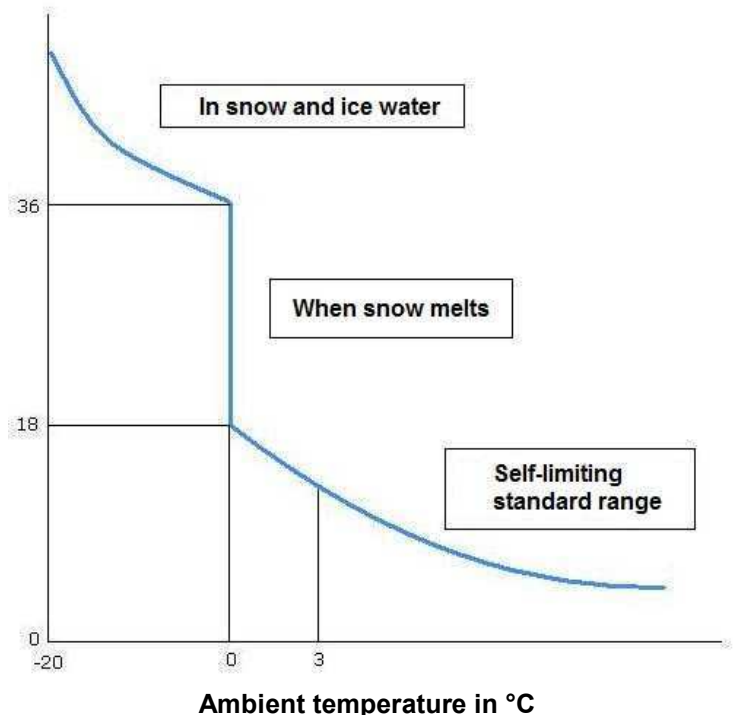
Power Output Multiplying Factors

Supply Voltage	Multiplying Factor
200V	0,91
208V	0,93
220V	0,97
230V	1,00
240V	1,03
250V	1,06
277V	1,15

Thermal Ratings

Nominal output at 230V AC

W/m



Accessories

Quintex supply a complete range of accessories including termination/splice kits, end seals, junction boxes and controls. This products are recommended for a trouble-free operation.