

Low temperature self regulating heating cable **CABT++**



FIQ 117



Version CABT++ / CGf





CABT++ low temperature self-regulating heating cable consist of a heating semiconductor plastic element which adapts its calorific power (W/m) on each point depending on the local temperature. This intrinsic feature of the semiconductor heating element allows in some cases to dispense of using a thermostatic controller (self-regulation).

They can be cut on the adjusted length directly on the job site.

For your heat tracing installations and especially on temperature maintenance of hot water systems, we strongly recommend the combination of our electronic THA / E controllers. The latter are equipped with a current absorber for start up of self regulating heating cables. They are the guarantee of a rigorous and reliable electronics regulation (energy saving of + 50%).

Applications

Freeze protection of hot watter pipes at 65°C or 85°C.

 <p>Basic version</p> <p>CABT++</p>	 <p>Braid version</p> <p>CABT++/C</p>
 <p>Braid + overjacket Version</p> <p>CABT++/CG</p>	 <p>Aluminium foil+ ground wires+ overjacket version</p> <p>CABT++/RG</p>

www.heating-cables.com



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www.novatrace.com

www.heating-cables-technitrac.com

Advantages

- can be cut directly on the adjusted length on the site.
- allow derivation from a unique and single feed point.
- semiconductor heating element adapts its power locally.
- good flexibility allowing the tracing of hydraulic organs (valves, pumps, ...)
- allow overlaps during implementation (self-regulating).
- maxi temp energized : 85 ° C (power on)- maxi temp de-energized : 125°C.
- Technical CSTB approval, in accordance with the European standards in force.

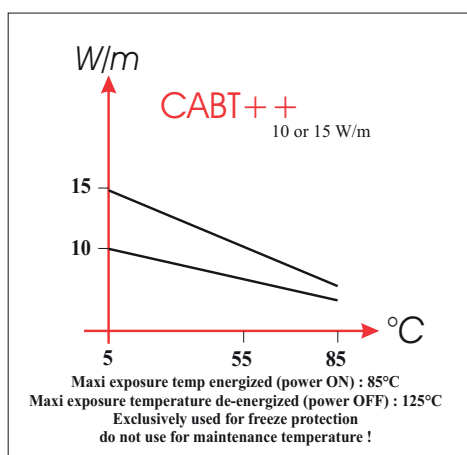


	CABT ++ 10	CABT ++ 15	Other powers on request	
Power at 5°C	10 W/m	15 W/m		
I Current	0.130 A/m	0.170 A/m		
Tolerance	0 / +4 W/m	0 / +4 W/m		
Supply conductors	Copper Nickel 2*1.00 mm ²	Copper Nickel 2*1.00 mm ²		
dimensions	CABT++	CABT++/ C	CABT++/ S	CABT++/CG
mini	4.0 * 9.0 mm	4.6 * 9.6 mm	4.6 * 9.6 mm	5.8 * 10.8 mm
maxi	4.4 * 10.0 mm	5.0 * 10.6 mm	5.0 * 10.6 mm	6.2 * 11.8 mm

Basic version

Approximatives dimensions

Main features



- Exclusively used for freeze protection of pipes do not use for maintenance temperature !
- Polyolefin fire retardant sheath.
- Tinned copper braid or stainless steel braid in option
- Polyolefin fireproof overjacket (CG or RG version).
- voltage: 230 V / 240 V / 50 or 60 Hz (115 V optional).
- thermal calibration: Max. rated current * 2.
- use C or D curve circuit breakers.
- possibility of a maximum current spike of 3 * In / 300ms.
- necessary use differential circuit breaker: 30 mA.
- maximum length / power point = approximately 110 m.

CABT++ 15 CG

Overjacket insulation
Inned copper braid
Power (W/m) at 5°C

Thermal dissipation curves are theoretical and given for information purposes

Accessories

