

*Low voltage self
regulating heating cable*

CABT
24 / 48V





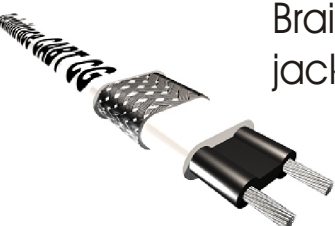

The CABT/24V and CABT/48V low voltage and low temperature self-regulating heating cables consist of a semi-conductive plastic heating core that adjusts at any point its calorific power (W/m) depending on the local temperature.

This intrinsic feature of the semiconductor heating element can avoid using in certain cases regulation system (self-regulation).

They can be cut to length on site and are therefore very easy to install.

Application range

Freeze protection or low temperature maintenance of pipes, tanks, valves for your camper van, mobile home.
Frost protection of video, cabinets and boxes, antennas, solar panels, etc.
Frost protection of retractable parking bollards.
Use directly on battery or solar panel regulator.

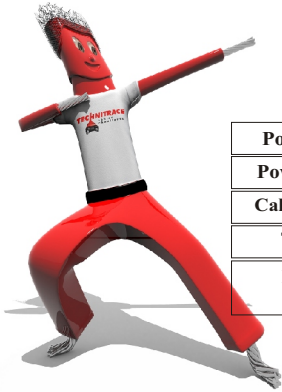
 <p>Basic version</p> <p>CABT</p>	 <p>Tinned copper braid version</p> <p>CABT+C</p>
 <p>Braid + over jacket version</p> <p>CABT+CG</p>	 <p>Aluminium foil + ground wires + over jacket option</p> <p>CABT+RG</p>

24 or 48 V

Direct current

Benefits

- can be cut to the desired length on site.
- direct power supply at 24 or 48 V (depending on version) without transformer.
- allow connecting branches with power from a single point.
- semi-conductive heating element that adjusts locally its heating power.
- good flexibility allowing the tracing of hydraulic components (valves, pumps, etc.)
- allow overlaps during implementation (self-regulating feature).
- CABT heating cables support 65°C power on / 75°C power off (de-energized)



Power at 5°C
Power at 55°C
Calibration A/m
Tolerance
Bus wires section

CABT 10	CABT 15	CABT 30
10 W/m	15 W/m	30 W/m
3 W/m	4 W/m	8 W/m
0.85 A/m	1.25 A/m	2.50 A/m
0 / +4 W/m	0 / +4 W/m	0 / +5 W/m
Nickled copper 2*1.00 mm ²	Nickled copper 2*1.00 mm ²	Nickled copper 2*1.25 mm ²

24 V CC
Maximum length = 10 m

CABT 10	CABT 15	CABT 30
10 W/m	15 W/m	30 W/m
3 W/m	4 W/m	8 W/m
0.42A/m	0.65 A/m	1.25 A/m
0 / +4 W/m	0 / +4 W/m	0 / +5 W/m
Nickled copper 2*1.00 mm ²	Nickled copper 2*1.00 mm ²	Nickled copper 2*1.25 mm ²

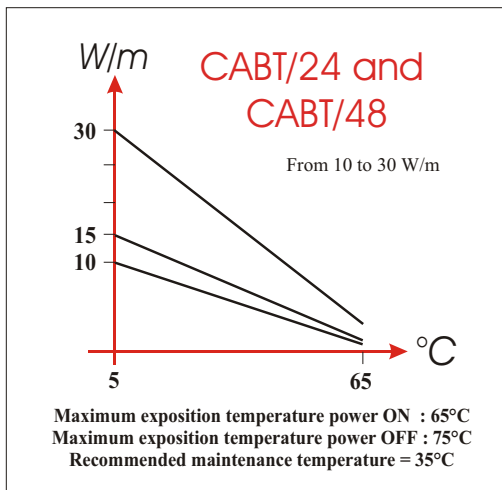
48 V CC
Maximum length = 20 m

dimensions	CABT	CABT+C	CABT+S	CABT+CG	CABT+RG
mini	3.6 * 9.8 mm	4.6 * 10.8 mm	4.6 * 10.8 mm	5.50 * 11.70 mm	5.50 * 11.70 mm
maxi	4.6 * 10.8 mm	5.6 * 11.8 mm	5.6 * 11.8 mm	6.50 * 12.70 mm	6.50 * 12.70 mm

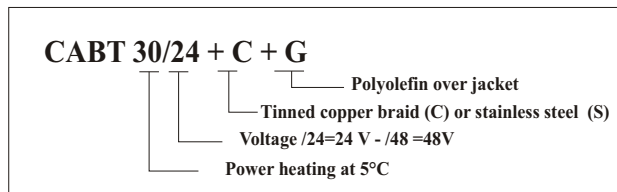
Version base

Other voltages available.
(12, 24, 48, 115, 230, 400 V)
Ask us.

Main features



- Polyolefin fireproof sheath.
- Polyolefin fireproof over jacket (CG or RG version).
- FEP fluoropolymer over jacket (CGf version) for corrosive and chemically aggressive environments.
- voltage: 24 or 48 V Direct Current.
- calibration: Maximum nominal intensity * 2.
- use curve C or D circuit breakers.
- possible current peak of 3 * In / 300ms.
- maximum length / power point = 10 or 20 m
- if using THA/C or THS: limit the intensity to 16 A



Dissipation curves are theoretical and solely provided for information purposes.

***If thermostat THA/C or THS used,
take care to limit the intensity at 16 A/maxi***