

Self regulating heating cable

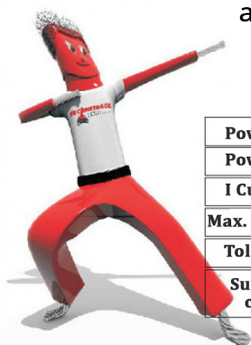
CABT 115V

Technical sheet CABT 115V V1



Benefits

- They can be cut to the desired length on-site.
- They allow for branching from a single power supply point.
- Semiconductor heating element that adjusts its power locally.
- Good flexibility for tracing hydraulic components (valves, pumps, etc.).
- They allow for overlapping during installation (self-regulating).
- CABT heating cables can withstand a maximum temperature of 65°C when connected and 75°C when disconnected.



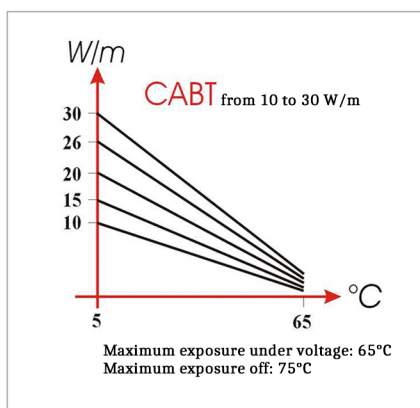
	CABT 10	CABT 15	CABT 20	CABT 26	CABT 30
Power at 5°C	10 W/m	15 W/m	20 W/m	26 W/m	30 W/m
Power at 55°C	3 W/m	4 W/m	5 W/m	7 W/m	8 W/m
I Current	0,26 A/m	0,34 A/m	0,44 A/m	0,78 A/m	0,91 A/m
Max. circuit length	120 m	100 m	80 m	60 m	60 m
Tolerance	0 / +4 W/m	0 / +4 W/m	0 / +5 W/m	0 / +5 W/m	0 / +5 W/m
Supply voltage conductors	Copper Nickel 2*1.00 mm ²	Copper Nickel 2*1.00 mm ²	Copper Nickel 2*1.00 mm ²	Copper Nickel 2*1.25 mm ²	Copper Nickel 2*1.25 mm ²

> 40 W/m on request

Dimensions	CABT	CABT+C	CABT+S	CABT+CG	CABT+RG
Thickness	4,1 mm ±0,5	5,1 mm ±0,5	5,1 mm ±0,5	6,0 mm ±0,5	6,0 mm ±0,5
Width	10,3 mm ±0,5	10,3 mm ±0,5	10,3 mm ±0,5	12,2 mm ±0,5	12,2 mm ±0,5

basic version

General characteristics



- Fire-retardant polyolefin sheath.
- Fire-retardant polyolefin oversleeving (CG or RG version).
- Fluoropolymer FEP oversleeving (CGf version) for corrosive and chemically aggressive environments.
- Voltage: 115 V.
- Rating: see the table above
- Use C or D curve circuit breakers.
- Possible current spike of $3 \cdot I_n / 300$ ms.
- Residual current circuit breaker required.

CABT 26.2 + C + Gf

- Fluoropolymer overlay
- Tinned copper braid (C) or stainless steel braid (S)
- Voltage 1=115V - 2=230V
- Power in W/m at 5°C



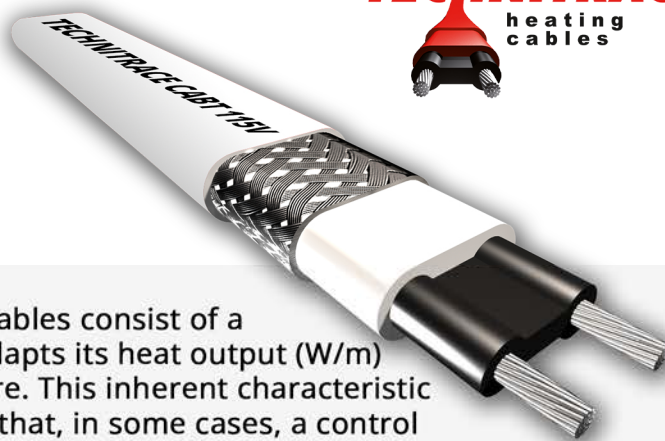
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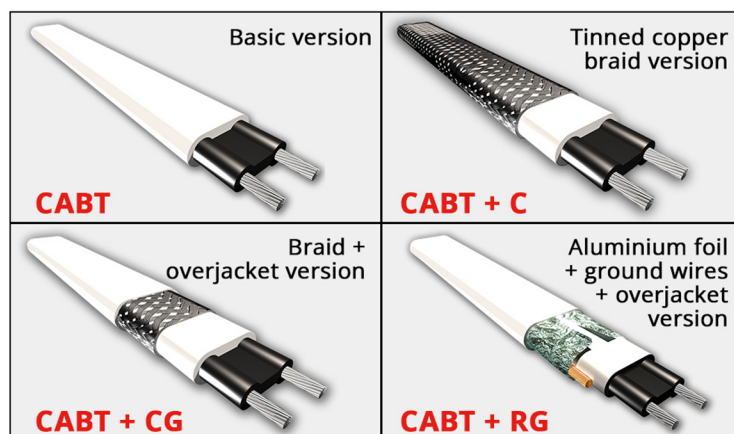


CABT low-temperature self-regulating heating cables consist of a semi-conductive plastic heating element that adapts its heat output (W/m) at every point according to the local temperature. This inherent characteristic of the semi-conductive heating element means that, in some cases, a control system is unnecessary (self-regulation).

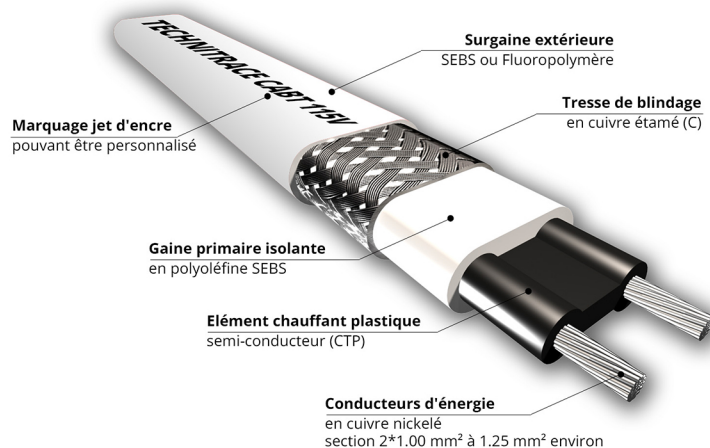
They can be cut to length on-site and are therefore very easy to install.

Applications

- > frost protection for cold water, chilled water, and grease-resistant water systems
- > maintaining the temperature of pipes and hot water tanks not exceeding 65°C (depending on heat loss)



CABT cable composition



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