



## DTCE 100T

DTCE is an extremely high-quality, 360° fully screened twin conductor heating mat with a tough outer sheath (UV stable). Its round profile and robust construction ensures a fast, simple and safe installation in floors where the heating cable is embedded in concrete. Heating mat must be used together with an appropriate thermostat to secure against overheating and reduce energy consumption.

Designed for indoor heating applications, placed and fixed on insulation and covered by minimum 50 mm concrete.

The cold lead has solid conductors ensuring fast installation with a clearly visible connection.

To ensure a long life-time, all cables are minutely inspected including tests for Ohmic resistance, high voltage and material controls to ensure the quality. This means that we are proud to supply our extended DEVIwarranty™.

**Note.** DTCE heating mat is not approved for installation on roof because the fixing tape is not UV-stable.

### Benefits:

- Fast and easy to install
- Safe and robust
- Long life-time
- Maximum protection
- UV stable

### Standard compliance:

- IEC60800:2009

### Approvals:



Type	Value
Nominal voltage	230 V~
Construction	Round, twin conductor with 360° screening, one cold lead
Output	100 W/m <sup>2</sup> @ 230 V~
Max. permissible use temperature, powered	75 °C
Max. permissible use temperature, unpowered	90 °C
Cable thickness	7 mm
Deformation strength	1500 N
Pulling strength	450 N
Conductor insulation	FEP
Outer sheath	UV protected PVC
Screen	0.5 mm <sup>2</sup> Cu, 100% Alu-foil
Cold lead	6 m DTCL, 3G 1,5mm <sup>2</sup>
Min. installation temperature	-5 °C
Bending Ø, min.	5 cm
IP Class	IPX7

### Types: set DTCE 100T

Item no.	Heated area	Dimensions (W x L)	Output @ 230V~	Resistance	Cold lead	EAN no.
83901900	2,25 m <sup>2</sup>	0,75 m x 3,0 m	235 W	225,1 Ω	3 x 1,5 mm <sup>2</sup>	5703466158210
83901903	3,60 m <sup>2</sup>	0,75 m x 4,8 m	350 W	151,1 Ω	3 x 1,5 mm <sup>2</sup>	5703466158227
83901906	4,80 m <sup>2</sup>	0,75 m x 6,4 m	465 W	113,8 Ω	3 x 1,5 mm <sup>2</sup>	5703466158234
83901909	6,00 m <sup>2</sup>	0,75 m x 8,0 m	580 W	91,2 Ω	3 x 1,5 mm <sup>2</sup>	5703466158241
83901912	8,60 m <sup>2</sup>	0,75 m x 11,4 m	840 W	63,0 Ω	3 x 1,5 mm <sup>2</sup>	5703466158258
83901915	10,50 m <sup>2</sup>	0,75 m x 14,0 m	1115 W	47,4 Ω	3 x 1,5 mm <sup>2</sup>	5703466158265
83901918	12,00 m <sup>2</sup>	0,75 m x 16,0 m	1200 W	44,1 Ω	3 x 1,5 mm <sup>2</sup>	5703466158272