

ECsafe 20T



ECsafe is an extremely high-quality, 360° fully screened twin conductor cable with a tough outer sheath (UV stable). Its round profile and robust construction ensures a fast, simple and safe installation in multiple outdoor applications. ECsafe heating cables should not be in direct contact with bitumen roofs.


Heating cable must be used together with an appropriate thermostat to secure against overheating and reduce energy consumption.

The cold lead is an installation cable with 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 Danfoss warranty.

*An EPD is a document used to communicate transparently, the quantified environmental impacts of a product over its life cycle stages.

Product specifications

Benefits <ul style="list-style-type: none"> • Fast and easy to install • Multiple application options • Safe and robust • Long life-time • Maximum protection • UV stable Compliance symbols:  Standard compliance <ul style="list-style-type: none"> • EN/IEC60800:2009 	Nominal voltage	230 V~
	Construction	Round, twin conductor with 360° screen, one cold lead
	Output	20 W/m
	Max. permissible use temperature, powered	60 °C
	Max. permissible use temperature, unpowered	90 °C
	Cable dimensions	Ø 6,9 mm
	Deformation strength	1500 N
	Pulling strength	400 N
	Conductor insulation	XLPE
	Outer sheath	UV protected PVC
	Screen	100% coverage; alu-foil; 0,5 mm ² tinned copper drain wire
	Cold lead	2,3 m DTCL, 3G (1,5 or 2,5)mm ²
	Min. installation temperature	-5 °C
	Bending Ø, min.	5 cm
	IP Class	IPX7

Types

Item no.	Cable length, m	Output, W @ 230 V~	Resistance, Ohm	Cold lead, mm ²	EAN no.
088L2170	6 m	125 W	430,1 Ω	3 x 1,5 mm ²	5703466227312
088L2171	12 m	250 W	216,5 Ω	3 x 1,5 mm ²	5703466227329
088L2172	17 m	335 W	157,3 Ω	3 x 1,5 mm ²	5703466227336
088L2173	25 m	505 W	105,2 Ω	3 x 1,5 mm ²	5703466227343
088L2174	33 m	675 W	79,2 Ω	3 x 1,5 mm ²	5703466227350
088L2175	42 m	830 W	63,4 Ω	3 x 1,5 mm ²	5703466227367
088L2176	50 m	1000 W	53,0 Ω	3 x 1,5 mm ²	5703466227374
088L2177	60 m	1200 W	44,1 Ω	3 x 1,5 mm ²	5703466227381
088L2178	68 m	1370 W	38,7 Ω	3 x 1,5 mm ²	5703466227398
088L2179	85 m	1700 W	31,2 Ω	3 x 1,5 mm ²	5703466227404
088L2180	101 m	2040 W	26,1 Ω	3 x 2,5 mm ²	5703466227411
088L2181	118 m	2360 W	22,4 Ω	3 x 2,5 mm ²	5703466227428
088L2182	135 m	2685 W	19,7 Ω	3 x 2,5 mm ²	5703466227435
088L2183	152 m	3025 W	17,5 Ω	3 x 2,5 mm ²	5703466227442
088L2184	170 m	3385 W	15,6 Ω	3 x 2,5 mm ²	5703466227459
088L2185	194 m	3895 W	13,6 Ω	3 x 2,5 mm ²	5703466227466