

ECflex 18T



ECflex is an extremely high-quality, 360° fully screened twin conductor cable with a tough outer sheath (non UV stable). Its round profile and robust construction ensures a fast, simple and safe installation in multiple indoor floor constructions and pipe tracing applications.

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.

Cold lead connection point is protected from water ingress by a removable cap. A clearly visible connection avoids accidentally installing the heated cable in the wall.

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 full floor 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 Compliance symbols:  Standard compliance <ul style="list-style-type: none"> • IEC60800:2009 	Nominal voltage	230 V~
	Output	18 W/m @ 230 V~
	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	PVC, red
	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.
088L6037	7,3 m	130 W	410,3 Ω	3 x 1,5 mm ²	5703466224489
088L6038	10 m	180 W	294,0 Ω	3 x 1,5 mm ²	5703466224496
088L6081	12,8 m	230 W	230,4 Ω	3 x 1,5 mm ²	5703466246009
088L6039	15 m	270 W	195,0 Ω	3 x 1,5 mm ²	5703466224502
088L6082	17,5 m	310 W	171,2 Ω	3 x 1,5 mm ²	5703466246016
088L6040	22 m	395 W	134,2 Ω	3 x 1,5 mm ²	5703466224519
088L6041	29 m	535 W	98,6 Ω	3 x 1,5 mm ²	5703466224526
088L6042	34 m	615 W	86,4 Ω	3 x 1,5 mm ²	5703466224533
088L6043	37 m	680 W	77,7 Ω	3 x 1,5 mm ²	5703466224540
088L6044	44 m	820 W	64,7 Ω	3 x 1,5 mm ²	5703466224557
088L6045	52 m	935 W	56,7 Ω	3 x 1,5 mm ²	5703466224564
088L6083	54 m	1005 W	52,7 Ω	3 x 1,5 mm ²	5703466246023
088L6046	59 m	1075 W	49,3 Ω	3 x 1,5 mm ²	5703466224571
088L6047	68 m	1220 W	43,4 Ω	3 x 1,5 mm ²	5703466224588
088L6048	74 m	1340 W	39,5 Ω	3 x 1,5 mm ²	5703466224595
088L6049	82 m	1485 W	35,6 Ω	3 x 1,5 mm ²	5703466224601
088L6050	90 m	1625 W	32,6 Ω	3 x 1,5 mm ²	5703466224618
088L6051	105 m	1880 W	28,1 Ω	3 x 2,5 mm ²	5703466224625
088L6052	118 m	2135 W	24,8 Ω	3 x 2,5 mm ²	5703466224632
088L6053	131 m	2420 W	21,9 Ω	3 x 2,5 mm ²	5703466224649
088L6054	155 m	2775 W	19,1 Ω	3 x 2,5 mm ²	5703466224656
088L6084	170 m	3050 W	17,3 Ω	3 x 2,5 mm ²	5703466246030