




## ECfreeze 7,5T - 400 V

ECfreeze is an extremely high-quality, 360° fully screened twin conductor cable with a tough outer sheath (UV resistant). Its round profile and robust construction ensures a fast, simple and safe installation in frost heave prevention systems in foundation of cold stores, ice stadiums, etc. Besides it could be used in multiple indoor floor constructions and pipe tracing applications.

The cold lead is an installation cable with solid conductors ensuring fast installation. A clearly visible connection avoids accidentally installing the heated cable in the wall. Cold lead connection point is protected from water ingress by a removable cap.

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 extended Danfoss Warranty.

### Technical specifications

<b>Benefits</b> <ul style="list-style-type: none"> <li>• Fast and easy to install</li> <li>• Frost heave prevention systems</li> <li>• Safe and robust</li> <li>• Long life-time</li> <li>• UV resistant</li> </ul> <b>Approvals:</b>  <b>Standard compliance:</b> <ul style="list-style-type: none"> <li>• EN/IEC60800:2009</li> </ul>	Nominal voltage	400 V~
	Construction	Round, twin conductor, one cold lead
	Output	7,5 W/m @ 400 V~
	Max. permissible use temperature, powered	80 °C
	Max. permissible use temperature, unpowered	90 °C
	Cable type	ECsafe
	Cable dimensions	Ø 6,9 mm
	Deformation strength	>1500 N
	Pulling strength	>500 N
	Conductor insulation	XLPE
	Outer sheath	UV protected PVC
	Screen	100% coverage; alu-foil; 0,5 mm <sup>2</sup> tinned copper drain wire
	Cold lead	4m DTCL, 3G (1,5 or 2,5)mm <sup>2</sup>
	Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter	
IP Class	IPX7	
Packaging	Cartoon box or Plywood spool	

Types: ECfreeze 7,5T - 400 V with cold lead 4 m

Item no.	Cable length, m	Output, W @ 400 V~	Resistance, Ohm	Cold lead, mm <sup>2</sup>	EAN no.
088L6300	35 m	260 W	615 Ω	3 x 1,5 mm <sup>2</sup>	5703466244647
088L6301	48 m	355 W	444 Ω	3 x 1,5 mm <sup>2</sup>	5703466244654
088L6302	71 m	540 W	299 Ω	3 x 1,5 mm <sup>2</sup>	5703466244661
088L6303	118 m	890 W	180 Ω	3 x 1,5 mm <sup>2</sup>	5703466244678
088L6304	142 m	1065 W	150 Ω	3 x 1,5 mm <sup>2</sup>	5703466244685
088L6305	170 m	1280 W	125 Ω	3 x 1,5 mm <sup>2</sup>	5703466244692
088L6306	217 m	1635 W	98,2 Ω	3 x 1,5 mm <sup>2</sup>	5703466244708
088L6307	241 m	1810 W	88,4 Ω	3 x 1,5 mm <sup>2</sup>	5703466244715
088L6308	288 m	2160 W	74,1 Ω	3 x 1,5 mm <sup>2</sup>	5703466244722
088L6309	382 m	2870 W	55,7 Ω	3 x 1,5 mm <sup>2</sup>	5703466244739
088L6310	431 m	3230 W	49,5 Ω	3 x 1,5 mm <sup>2</sup>	5703466244746
088L6311	482 m	3610 W	44,3 Ω	3 x 2,5 mm <sup>2</sup>	5703466244753
088L6312	552 m	4140 W	38,6 Ω	3 x 2,5 mm <sup>2</sup>	5703466244760