

## ECflex 6T


**Product**
**Installation**
**Floor/Surface**




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

Due to the low specific output (W/m) this product can be successfully used for NZEB (Nearly Zero Energy Building) house applications.

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.

### Product specifications

<b>Benefits</b> <ul style="list-style-type: none"> <li>• <b>Fast and easy to install</b></li> <li>• <b>Multiple application options</b></li> <li>• <b>Safe and robust</b></li> <li>• <b>Long life-time</b></li> <li>• <b>Maximum protection</b></li> </ul> <b>Approvals:</b>    <b>Standard compliance</b> <ul style="list-style-type: none"> <li>• <b>IEC60800:2009</b></li> </ul>	Nominal voltage	230 V~
	Construction	Round, twin conductor, one cold lead
	Output	6 W/m @ 230 V~
	Max. permissible use temperature, powered	80 °C
	Max. permissible use temperature, unpowered	90 °C
	Cable dimensions	Ø 6,9 mm
	Deformation strength	>1500 N
	Pulling strength	>500 N
	Conductor insulation	PEX
	Outer sheath	PVC, red
	Screen	100% coverage; alu-foil; 0,5 mm <sup>2</sup> tinned copper drain wire
	Cold lead	2,3 m DTCL, 3 x 1,5 mm <sup>2</sup>
	Min. installation temperature	-5 °C
	Bending Ø, min.	6 x cable diameter
IP Class	IPX7	

### Types

Item no.	Cable length, m	Output, W @ 230 V~	Resistance, Ohm	Cold lead, mm <sup>2</sup>	EAN no.
088L6436	30 m	180 W	293,9 Ω	3 x 1,5 mm <sup>2</sup>	5703466245743
088L6437	40 m	250 W	211,6 Ω	3 x 1,5 mm <sup>2</sup>	5703466245750
088L6438	50 m	310 W	170,6 Ω	3 x 1,5 mm <sup>2</sup>	5703466245767
088L6439	60 m	345 W	153,3 Ω	3 x 1,5 mm <sup>2</sup>	5703466245774
088L6440	70 m	415 W	127,5 Ω	3 x 1,5 mm <sup>2</sup>	5703466245781
088L6441	80 m	500 W	105,8 Ω	3 x 1,5 mm <sup>2</sup>	5703466245798
088L6442	90 m	540 W	98,0 Ω	3 x 1,5 mm <sup>2</sup>	5703466245804
088L6443	100 m	635 W	83,3 Ω	3 x 1,5 mm <sup>2</sup>	5703466245811
088L6444	115 m	720 W	73,5 Ω	3 x 1,5 mm <sup>2</sup>	5703466245828
088L6445	129 m	770 W	68,7 Ω	3 x 1,5 mm <sup>2</sup>	5703466245835
088L6446	140 m	870 W	60,8 Ω	3 x 1,5 mm <sup>2</sup>	5703466245842
088L6447	160 m	915 W	57,8 Ω	3 x 1,5 mm <sup>2</sup>	5703466245859
088L6448	180 m	1095 W	48,3 Ω	3 x 1,5 mm <sup>2</sup>	5703466245866
088L6449	190 m	1160 W	45,6 Ω	3 x 1,5 mm <sup>2</sup>	5703466245873
088L6450	200 m	1260 W	42,0 Ω	3 x 1,5 mm <sup>2</sup>	5703466245880