

Data Sheet

LX Cable Electric Floor Heating



General Information



The Danfoss LX Electric Floor Heating Cable Systems combine the highest comfort levels with maximum energy efficiency. It's a proven technology that's safe, reliable and energy efficient.

- Single point connection
- Twin conductor cable
- Eliminates EMF's (Electromagnetic fields)
- Safety approved for wet locations
- The only cable to pass the rigorous IEEE impact test
- Flexible installation
- Durable construction
- Genuine ten year non-prorated warranty

Technical Data

Cable Construction:	Twin conductor
Rated Voltage:	120V, 240V
Output:	3W/ft. (10W/m)
Heating Element Size:	40 ft. (12.2m) to 630 ft. (192m)
Cold Lead:	10 ft. (3.0 m)
Bending Radius:	Minimum 3/4 inch (19 mm)
Cable Diameter:	3/16 inch (4.8 mm)
Conductor Insulation:	Teflon™ FEP
Outer Insulation:	PVC
Max. Temperature:	212°F (100°C)
Min. Installation Temp:	50°F (10°C)

See power lead label for NEC connection color code.

Ordering Information LX Cables - 120V

The cable can be installed on top of plywood, concrete floor, cement board, insulation board, etc.

Part No.	Length (feet)	Approximate Heat Coverage			Amps	Watts (3W/ft.)	Ohms
		2" spacing	Standard 3" spacing	4" spacing			
088L3140	40	5	10	15	1.0	120	120.0
088L3141	60	10	15	20	1.5	180	80.0
088L3142	80	15	20	25	2.0	240	60.0
088L3143	120	20	30	40	3.0	360	40.0
088L3144	160	25	40	55	4.0	480	30.0
088L3145	200	35	50	65	5.0	600	24.0
088L3146	240	40	60	80	6.3	750	19.2
088L3147	280	45	70	95	7.2	860	16.7
088L3148	315	50	80	105	8.0	960	15.0



Ordering Information LX Cables - 240V

The cable can be installed on top of plywood, concrete floor, cement board, insulation board, etc.

Part No.	Length (feet)	Approximate Heat Coverage			Amps	Watts (3W/ft.)	Ohms
		2" spacing	Standard 3" spacing	4" spacing			
088L3080	80	15	20	25	1.0	245	235.1
088L3081	120	20	30	40	1.5	365	157.8
088L3082	160	25	40	55	2.0	480	120.0
088L3083	200	35	50	65	2.5	605	95.2
088L3084	240	40	60	80	3.0	725	79.5
088L3085	280	45	70	95	3.5	840	68.6
088L3086	320	55	80	105	4.0	965	59.7
088L3087	360	60	90	120	4.5	1,080	53.3
088L3088	400	65	100	135	5.0	1,200	48.0
088L3089	440	75	110	145	5.5	1,330	43.3
088L3090	480	80	120	160	6.0	1,445	39.9
088L3091	570	95	140	190	7.1	1,710	33.7
088L3092	630	105	160	210	8.0	1,915	30.1

Thermostats

Part No.	Description
088L5130	LX Programmable Thermostat with Floor Sensor
088L5132	LX Programmable Thermostat with Air Sensor (and Floor Temperature Limiter)
088L5133	LX Non-Programmable Thermostat with Floor Sensor

Accessories

Part No.	Description
088L0014	LX Repair Kit (includes crimp connectors, repair wire, heat shrink tubes)
088L0028	Little Buzzer - Continuity Alarm
088L0095	Reflect Insulation Plates (Box of 10 plates, approx. 50 sq.ft.)
088L0096	Reflect Insulation Plates (Box of 4 plates, approx. 20 sq.ft.)
088L1050	Cable Strapping (15ft./4.5m)
088L1054	Cable Strapping (75ft./22.9m)
088L3008	Replacement Floor Sensor for LX Thermostat
19809099	Sensor Conduit (8 feet)

Warranty

Genuine ten year comprehensive extended warranty against defects in material, design, and workmanship.

Technical Services

For technical questions, please contact Danfoss Heating Division North America at **1-866-676-8062**. More information on Danfoss Electric Heating products is available at **www.LX.Danfoss.com**.

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