

Under Tile Heating Wire

Description

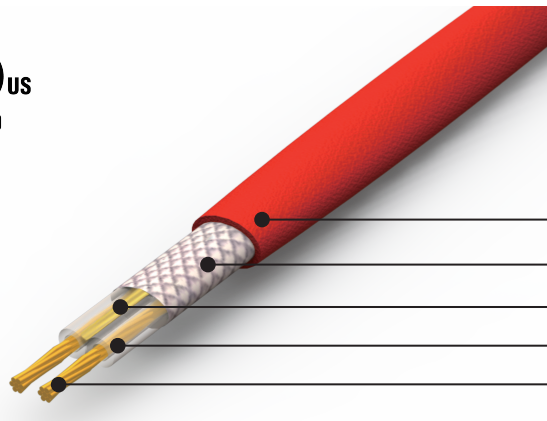
Loose wires are the ideal solution for small or awkward floor areas. We currently offer wires with 3.7 W per linear feet. The closer you space the wire, the higher the output per square feet. The wires are suitable for use directly beneath tiled floors or under some carpet/vinyl and wooden floors. All our heating wires are twin wire with earth screened, they are safe for use in bathrooms and wet locations. Although the wires are thin, its Teflon outer sheath gives it a high mechanic strength and its multi-stranded heating elements offer good flexibility.

LSW series comes in many different sizes and they can be shaped and used in combinations to warm rooms of different sizes.

LSW series is a safe and efficient electric floor-warming product for interior applications. It cannot be used for exterior snow melting applications.

It is generally intended for installation below tile, stone, and other masonry flooring materials.

Never install LSW series directly below vinyl, carpet, or wood flooring. LSW series must be embedded in cement based polymer modified mortar, per UL requirements. Do not use glues, adhesives or premixed mortar because they are not as heat resistant. Non-masonry flooring materials such as carpet, vinyl, or hardwood can be installed over the cables if it is installed in mortar first.



Cable Construction

Jacket: Fluoropolymer (FEP)

Screen: Tinned-Cu braid

Filler: Kevlar

Insulation: Fluoropolymer (FEP)

Heating Conductor: Multi strands heating alloy

Features

- Free form cable allows for full coverage of any room especially those with curves and angles
- Flexible cable to cable spacing for easy adjusting the power outputs per square feet
- Toughest and thinnest wire. Only 0.12 inch (3 mm) thick
- Easy installation
- Safe and durable
- UL/cUL approved

Performance

- Apply Voltage: 120V and 240V
- Cable Construction: Multi-strand conductor, twin cores
- Cold Lead Length: 10 ft (3 m)
- Cable Diameter: \varnothing 0.12 in (3 mm)
- Linear Output: 3.7 W/ft (other wattage also available by request)

Ordering Information

120V

Model Number	Cable Length		Total Power (W)	Total Current (A)	14 W/ft ² with 3.2" Spacing (ft ²)	13 W/ft ² with 3.4" Spacing (ft ²)	12 W/ft ² with 3.6" Spacing (ft ²)
	(ft)	(m)					
LSW004FT1-0380	38	12	140	1.2	10	11	11
LSW004FT1-0570	57	17	210	1.8	15	16	17
LSW004FT1-0770	77	23	280	2.3	21	22	23
LSW004FT1-0960	96	29	350	2.9	26	27	29
LSW004FT1-1150	115	35	420	3.5	31	33	35
LSW004FT1-1530	153	47	560	4.7	41	43	46
LSW004FT1-1910	191	58	700	5.8	51	54	57
LSW004FT1-2300	230	70	840	7.0	61	65	69
LSW004FT1-2680	268	82	980	8.2	71	76	80
LSW004FT1-3060	306	93	1120	9.3	82	87	92
LSW004FT1-3440	344	105	1260	10.5	92	98	98
LSW004FT1-3830	383	117	1400	11.7	102	108	103
LSW004FT1-4210	421	128	1540	12.8	112	119	126
LSW004FT1-4590	459	140	1680	14.0	122	130	138

240V

Model Number	Cable Length		Total Power (W)	Total Current (A)	14 W/ft ² with 3.2" Spacing (ft ²)	13 W/ft ² with 3.4" Spacing (ft ²)	12 W/ft ² with 3.6" Spacing (ft ²)
	(ft)	(m)					
LSW004FT4-0770	77	23	280	1.2	21	22	23
LSW004FT4-1150	115	35	420	1.8	31	33	35
LSW004FT4-1530	153	47	560	2.3	41	43	46
LSW004FT4-1910	191	58	700	2.9	51	54	57
LSW004FT4-2300	230	70	840	3.5	61	65	69
LSW004FT4-2680	268	82	980	4.1	71	76	80
LSW004FT4-3010	301	92	1100	4.6	80	85	90
LSW004FT4-3420	342	104	1250	5.2	91	97	103
LSW004FT4-3700	370	113	1350	5.6	99	105	111
LSW004FT4-4240	424	129	1550	6.5	113	120	127
LSW004FT4-4600	460	140	1680	7.0	123	130	138
LSW004FT4-4980	498	152	1820	7.6	133	141	150
LSW004FT4-5330	533	163	1950	8.1	142	151	160
LSW004FT4-5690	569	173	2080	8.7	152	161	171
LSW004FT4-6150	615	188	2250	9.4	164	174	185

Further Information

Please consult the appropriate termination instructions and the E-POLY Installation, Testing and Maintenance Manual for further details.