LSW

Under Tile Heating Wire

Description

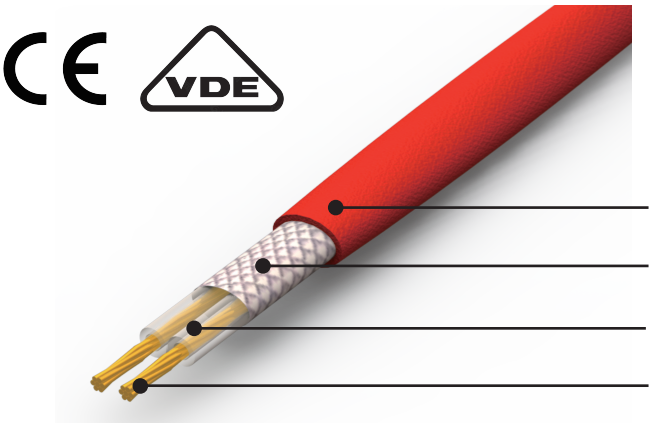
Loose wires are the ideal solution for small or awkward floor areas. We currently offer wires 10 W and 12 W per linear meter. The closer you space the wire, the higher the output per square meter. The wires are suitable for use directly beneath tiled floors or under some carpet / vinyl and wooden floors. 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.

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: Flouropolymer (FEP)

Screen: Tinned-Cu braid

Insulation: Flouropolymer (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 meter
- Toughest and thinnest wire (only 2.6 mm thick)
- Easy installation
- Safe and durable
- CE & VDE approved

Performance

- Apply Voltage: 230V
- Cable Construction: Multi-strand conductor, twin cores
- Cold Lead Length: 2 m
- Cable Diameter: ø2*2.6 mm

Ordering Information

10 W/m

Model Number	Cable Length (m)	Total Power (W)	Total Current (A)	100 W/m² with 10 cm Spacing (m²)	150 W/m² with 6.6 cm Spacing (m²)	200 W/m² with 5 cm Spacing (m²)
LSW010ME3-0115	11.5	115	0.5	1.2	0.8	0.6
LSW010ME3-0140	14	140	0.6	1.4	1	0.7
LSW010ME3-0170	17	170	0.7	1.7	1.1	0.9
LSW010ME3-0225	22.5	225	1.0	2.3	1.5	1.1
LSW010ME3-0290	29	290	1.3	2.9	2	1.5
LSW010ME3-0350	35	350	1.5	3.5	2.4	1.8
LSW010ME3-0400	40	400	1.7	4	2.6	2
LSW010ME3-0480	48	480	2.1	4.8	3.2	2.4
LSW010ME3-0560	56	560	2.4	5.6	3.8	2.8
LSW010ME3-0640	64	640	2.8	6.4	4.3	3.2
LSW010ME3-0700	70	700	3.0	7	4.7	3.5
LSW010ME3-0760	76	760	3.3	7.6	5.1	3.8
LSW010ME3-0820	82	820	3.6	8.2	5.5	4.1
LSW010ME3-0920	92	920	4.0	9.2	6.2	4.6
LSW010ME3-1040	104	1040	4.5	10.4	7	5.2
LSW010ME3-1140	114	1140	5.0	11.4	7.6	5.7
LSW010ME3-1250	125	1250	5.4	12.5	8.3	6.3
LSW010ME3-1450	145	1450	6.3	14.5	9.7	7.3
LSW010ME3-1600	160	1600	7.0	16	10.7	8
LSW010ME3-1800	180	1800	7.8	18	12	9

12 W/m

Model Number	Cable Length (m)	Total Power (W)	Total Current (A)	150 W/m² with 6.6 cm Spacing(m²)	200 W/m² with 5 cm Spacing(m²)
LSW012ME3-0125	12.5	150	0.7	1.0	0.8
LSW012ME3-0167	16.7	200	0.9	1.3	1.0
LSW012ME3-0188	18.8	226	1.0	1.5	1.1
LSW012ME3-0250	25	300	1.3	2.0	1.5
LSW012ME3-0313	31.3	376	1.6	2.5	1.9
LSW012ME3-0333	33.3	400	1.7	2.7	2.0
LSW012ME3-0375	37.5	450	2.0	3.0	2.3
LSW012ME3-0417	41.7	500	2.2	3.3	2.5
LSW012ME3-0438	43.8	526	2.3	3.5	2.6
LSW012ME3-0500	50	600	2.6	4.0	3.0
LSW012ME3-0563	56.3	676	2.9	4.5	3.4
LSW012ME3-0583	58.3	700	3.0	4.7	3.5
LSW012ME3-0625	62.5	750	3.3	5.0	3.8
LSW012ME3-0667	66.7	800	3.5	5.3	4.0
LSW012ME3-0750	75	900	3.9	6.0	4.5
LSW012ME3-0834	83.4	1001	4.4	6.7	5.0
LSW012ME3-0875	87.5	1050	4.6	7.0	5.3
LSW012ME3-1000	100	1200	5.2	8.0	6.0
LSW012ME3-1125	112.5	1350	5.9	9.0	6.8
LSW012ME3-1140	114	1368	6.0	9.1	6.8
LSW012ME3-1250	125	1500	6.5	10.0	7.5
LSW012ME3-1310	131	1572	6.8	10.5	7.9
LSW012ME3-1375	137.5	1650	7.2	11.0	8.3
LSW012ME3-1500	150	1800	7.8	12.0	9.0
LSW012ME3-1620	162	1944	8.5	13.0	9.7
LSW012ME3-1800	180	2160	9.4	14.4	10.8
LSW012ME3-1960	196	2352	10.2	15.7	11.8

Further Information

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