



DTR

Floor Heating Cable for Membrane

Features

Voltage

- 120V, 240/208V, 1-phase.

Cold lead length

- 10' (3 m).

Construction

- Heating cable made of a twin conductor for a simpler and faster installation, compatible with uncoupling membrane systems.

Watt density

- 9W/sq. ft. (97W/sq. m), 4" (102 mm) spacing.

- 10W/sq. ft. (108W/sq. m), 3 5/8" (92 mm) spacing.

Control

- Two types of control method possible (see instruction manual for details):

- Surface heating control with electronic thermostat in floor mode (F) and temperature sensor.
- Ambient heating control with electronic thermostat in ambient mode with floor limit (A or AF) and temperature sensor.

Note: A ground fault circuit interrupter (GFCI) must be used with this heating device unless exempted by the applicable national and/or local electrical code for the area of installation.

Included materials

- 15' (4.6 m) floor sensor.

- Measurements table label (to be placed in electrical panel).

Installation

- Never cut or shorten the heating cable.
- For indoor applications only.
- On concrete slab or plywood subfloor.
- On uncoupling membrane sold in option.
- For heating cable installation on uncoupling membrane systems, consult the membrane manufacturer's instructions to ensure that it is compatible with the use of heating cables.

Warranty

- 25-year warranty on the heating cable.

Application

- Kitchen, bathroom, entrance way, family room, living room.





Models

Watts	Product #	Product #	Cable diameter (mm)	Covered surface depending on spacing ¹				Length		Weight	
				3 1/2" (88 mm) ²		3 3/4" (95 mm)		ft.	m	lb	kg
	240/208V	120V		10W/sq. ft.	108W/sq. m	9.6W/sq. ft.	103W/sq. m				
85	-	DTR0082	4.3	9.5	0.9	10.0	0.9	32	9.75	2.6	0.9
120	-	DTR0122	4.3	12.0	1.1	12.5	1.2	40	12.19	2.6	0.9
150	-	DTR0152	4.3	16.0	1.5	16.5	1.5	53	16.15	3.1	1.4
170	DTR0170	DTR0172	4.3	18.5	1.7	19.0	1.8	61	18.59	3.1	1.4
240	DTR0240	DTR0242	4.3	24.0	2.2	25.0	2.3	80	24.38	3.8	1.6
300	DTR0300	DTR0302	4.3	30.5	2.8	31.5	2.9	101	30.78	4	1.8
360	DTR0360	DTR0362	4.3	36.5	3.4	37.5	3.5	120	36.58	4.2	1.9
420	DTR0420	DTR0422	4.3	42.5	4.0	44.0	4.1	141	42.98	4.9	2.2
475	DTR0475	DTR0472	4.3	48.5	4.5	50.0	4.6	160	48.77	6	2.7
600	DTR0600	DTR0602	4.3	60.5	5.6	62.5	5.8	200	60.96	6.9	3.1
720	DTR0720	DTR0722	4.3	72.5	6.7	75.0	7.0	240	73.15	7.9	3.6
840	DTR0840	DTR0842	4.3	84.5	7.9	87.5	8.1	280	85.34	8.7	4
960	DTR0960	DTR0962	4.3	96.5	9.0	100.0	9.3	320	97.54	9.3	4.2
1080	DTR1080	-	4.3	109.0	10.1	112.5	10.5	360	109.73	10	4.6
1140	-	DTR1142	4.3	115	10.66	119	11.03	380	115.82	11.6	5.2
1200	DTR1200	-	4.3	121.0	11.2	125.0	11.6	400	121.92	11	5
1320	-	DTR1322	4.3	133	12.35	137.5	12.77	440	134.11	13.7	6.2
1440	DTR1440	-	4.3	145.0	13.5	150.0	13.9	480	146.30	13	5.9
1450	-	DTR1452	4.3	145	13.5	150	13.9	480	146.30	16	7.2
1500	-	DTR1502	4.3	151	14	156.5	14.5	500	152.40	17.4	7.9
1600	DTR1600	-	4.3	169.0	15.7	175.0	16.3	560	170.69	15	6.8
1680	-	DTR1682	4.3	169.5	15.7	175	16.3	560	170.69	20.3	9.1
1920	DTR1920	-	4.3	193.5	18.0	200.0	18.6	640	195.07	18	8.2
2280	DTR2280	-	4.3	229.5	21.3	237.5	22.1	760	231.65	22	10
2640	DTR2640	-	4.3	266.0	24.7	275.0	25.5	880	268.22	26	11.8
2900	DTR2900	-	4.3	292.5	27.2	302.5	28.1	968	295.04	30	13.6
3000	DTR3000	-	4.3	302.0	28.1	312.5	29.0	1000	304.80	31	14
3360	DTR3360	-	4.3	338.5	31.4	350	32.5	1120	341.38	36.9	16.8

¹ Does not represent the surface of the room but rather the surface covered by the floor heating system, excluding fixtures and other spaces to consider.

² Spacing with the NADCM membrane when the cable is installed with 3 spacing castellations.

208V = 75% of wattage at 240V.

15' (4.6 m) floor sensor and 10' (3 m) cold lead included.

Options

Product # Kit	Description
NADCM-M-80	Fleeceback uncoupling membrane in sheet, 2' 6-5/16" X 3' 3", 8.16 sq. ft., sold in box of 10 sheets
NADCM-M-150	Fleeceback uncoupling membrane in roll, 46' 9" x 3' 3", 150 sq. ft.
NADCM-S-80	Self-adhesive uncoupling membrane in sheet, 2' 6-5/16" X 3' 3", 8.16 sq. ft., sold in box of 10 sheets
NADCM-S-150	Self-adhesive uncoupling membrane in roll, 46' 9" x 3' 3", 150 sq. ft.
OTM-CC	CableCheck - Electrical fault indicator
OTM-SA	Adhesive spray to secure the mat on concrete slab, 16.75 oz (474 g)
KIT-SP1	Repair kit
KIT-CBL-SN	15 ft. (4.6 m) floor sensor