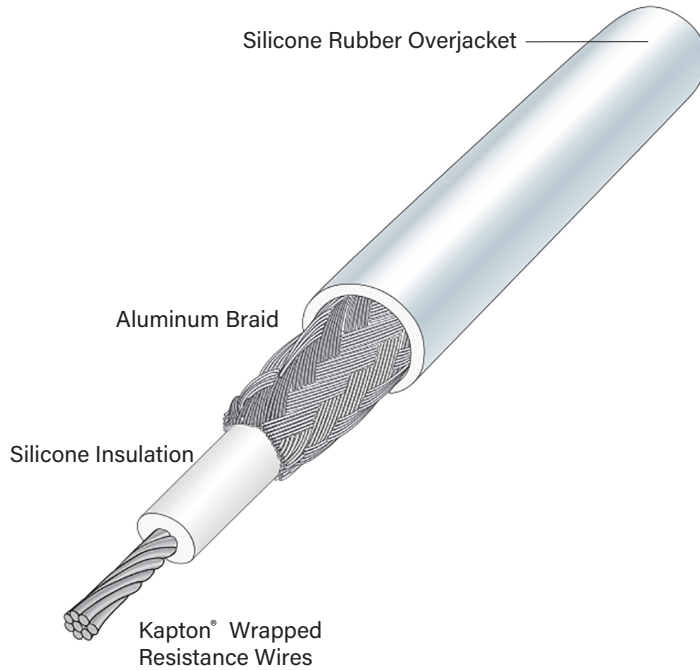


## Floor Warming (FW) Cable

### Silicone Jacketed



#### DESCRIPTION

Delta-Therm floor warming cables are designed for residential and commercial installations. The cables operate at a variety of voltages and can be used in secondary heating applications.

**Cables** - Our floor warming cable consists of a high tensile strength alloy conductor wrapped with 4 mil Kapton®. The conductor is encased in silicone rubber rated at 302°F (150°C). An aluminum braid, equivalent to 16 AWG, is woven over the primary insulation to serve as a ground path. Another layer of silicone rubber is extruded over the aluminum braid to provide additional electrical insulation. Cable output produces a watt density of approximately 10-15 watts per Sq. Ft. (129-161 Sq. m) when installed on 5-7" (13-18cm) centers.

FW cable is supplied with floor clips and screws for attaching cable to subfloor.

#### APPLICATIONS

Floor Warming and Radiant Heating

#### APPROVALS

Floor warming cables are CSA certified for embedded floor heating applications in mortar other than concrete.

Kapton is a registered trademark of Dupont.

# FW Technical Information

## 120 VOLT FW CABLES

Part No.	Max. Coverage Area Sq. Ft. (Sq. m)	Volts	Amps	Watts	Heated Cable Length Ft. (m)
FW12-15	15-24 (1.3-2.2)	120	1.8	218	30' (9)
FW12-25	25-40 (2.3-3.7)	120	3.1	372	53' (16)
FW12-40	41-49 (3.8-4.5)	120	3.8	456	76' (23)
FW12-50	50-59 (4.6-5.4)	120	5.1	612	101' (31)
FW12-60	60-75 (5.5-6.9)	120	7.5	900	145' (44)
FW12-80	76-80 (7.0-7.4)	120	9.9	1188	158' (48)
FW12-100	81-100 (7.5-9.2)	120	9.8	1176	197' (60)

## 208 VOLT FW CABLES

Part No.	Max. Coverage Area Sq. Ft. (Sq. m)	Volts	Amps	Watts	Heated Cable Length Ft. (m)
FW20-35	33-41 (3.0-3.8)	208	2.4	499	70' (21)
FW20-45	42-52 (3.9-4.8)	208	3.0	624	92' (28)
FW20-65	53-77 (4.9-7.1)	208	3.8	790	130' (40)
FW20-85	78-103 (7.2-9.5)	208	5.2	1182	170' (52)
FW20-105	104-124 (9.6-11.5)	208	7.5	1560	252' (77)
FW20-125	125-132 (11.6-12.2)	208	7.6	1580	250' (76)
FW20-145	133-149 (12.3-13.8)	208	9.3	1934	290' (88)
FW20-155	150-164 (13.9-15.2)	208	10.8	2246	310' (94)
FW20-165	165-177 (15.3-16.4)	208	10.2	2121	330' (101)

## 240 VOLT FW CABLES

Part No.	Max. Coverage Area Sq. Ft. (Sq. m)	Volts	Amps	Watts	Heated Cable Length Ft. (m)
FW24-30	30-47 (2.7-4.3)	240	1.8	432	60' (18)
FW24-55	48-60 (4.4-5.5)	240	3.0	720	110' (34)
FW24-70	61-80 (5.6-7.4)	240	4.1	960	140' (43)
FW24-100	81-124 (7.5-11.5)	240	5.1	1224	200' (61)
FW24-140	125-156 (11.6-14.4)	240	7.8	1872	280' (85)
FW24-160	157-169 (14.5-15.7)	240	9.7	2328	320' (98)
FW24-170	170-179 (15.8-16.6)	240	9.1	2184	340' (104)
FW24-180	180-216 (16.7-20.0)	240	10.8	2592	360' (110)

## 277 VOLT FW CABLES

Part No.	Max. Coverage Area Sq. Ft. (Sq. m)	Volts	Amps	Watts	Heated Cable Length Ft. (m)
FW27-35	33-56 (3.0-5.2)	277	1.8	499	70' (21)
FW27-60	57-98 (5.3-9.1)	277	3.1	858	120' (37)
FW27-110	99-144 (9.2-13.3)	277	5.4	1496	220' (67)
FW27-160	145-178 (13.4-16.5)	277	7.9	2186	320' (98)
FW27-185	179-190 (16.6-17.6)	277	9.7	2686	370' (113)
FW27-200	191-207 (17.7-19.2)	277	9.0	2493	400' (122)
FW27-220	208-233 (19.3-21.6)	277	10.1	2797	440' (134)

## CONTROLS

<b>UDG-4999</b>	Multi-voltage (120, 208, And 240 VAC) Electronic Programmable Thermostat with floor temp sensing probe.
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## PANELS

<b>LNR</b>	Low Noise Power Relay Panels
<b>DT-XXPXX</b>	Enclosed Contactor Panels

## ACCESSORIES

<b>FW Clips</b>	FW Cable Floor Attachment Clips
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