



FLOOR HEATING CABLE (FC)



APPLICATION

- Electric Floor Heating for indoor & outdoor areas



SURFACE TYPE

- Concretes & In-screed slabs



INSTALLATION LOCATION

- Commercial areas, houses, warehouses, shopping malls etc



INSTALLATION TECHNIQUE

- Layer of concrete screed

Floor Heating Cables (FC) are designed for direct embedding in concrete floors and slabs in large areas including homes, warehouses, commercial malls, sports fields.

The series-resistance type heating elements are insulated with cross linked polymer/ fluoropolymers having high dielectric strength and exceptional temperature resistance, ensuring complete safety during operation. Shielding is provided for proper grounding and ensuring minimal EMF emission. Outer jacketing is done with PVC or Polyolefin depending on customer requirements.

A robust hot to cold junction design ensures safety and reliability.



Energy Efficient



Easy Installation



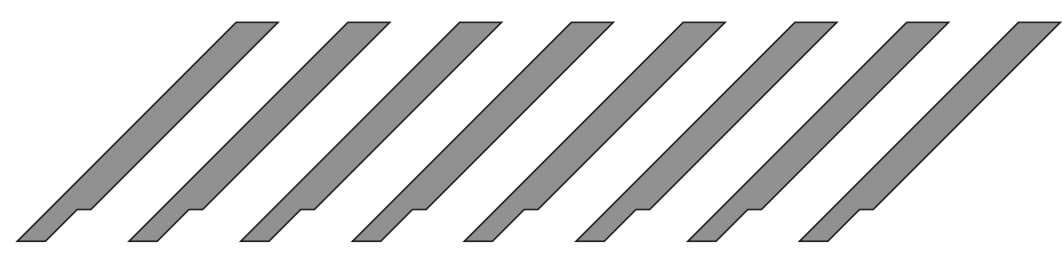
CE Certified



Sustainability



Quality Guarantee



SPECIFICATION

● Heating Elements*	Single / Twin
● Heating Power Output	10-20 W/M
● Rated voltage	230 V AC, 50 Hz
● Cold lead length (Nom.)	3.0m
● Bending radius	6 x cable diameter
● IP class	IPX7
● Compliance to	IEC 60800 (Class M2)

CABLE CONSTRUCTION

- Heating conductor
- Cross-linked Polymer / Fluoropolymer insulation
- Alum-mylar tape with copper drain wire
- PVC / Polyolefin
- Cold Lead

TECHNICAL DATA FOR FC-S/T*

Length (M)	Product code	Wattage (W)	Product code	Wattage (W)	Product code	Wattage (W)
10	SC-FC-S/T-10-100	100	SC-FC-S/T-17-170	170	SC-FC-S/T-20-200	200
15	SC-FC-S/T-10-150	150	SC-FC-S/T-17-260	260	SC-FC-S/T-20-300	300
20	SC-FC-S/T-10-200	200	SC-FC-S/T-17-350	350	SC-FC-S/T-20-400	400
25	SC-FC-S/T-10-250	250	SC-FC-S/T-17-420	420	SC-FC-S/T-20-500	500
30	SC-FC-S/T-10-300	300	SC-FC-S/T-17-500	500	SC-FC-S/T-20-600	600
35	SC-FC-S/T-10-350	350	SC-FC-S/T-17-600	600	SC-FC-S/T-20-700	700
40	SC-FC-S/T-10-400	400	SC-FC-S/T-17-680	680	SC-FC-S/T-20-800	800
50	SC-FC-S/T-10-500	500	SC-FC-S/T-17-850	850	SC-FC-S/T-20-1000	1000
60	SC-FC-S/T-10-600	600	SC-FC-S/T-17-1020	1020	SC-FC-S/T-20-1200	1200
70	SC-FC-S/T-10-700	700	SC-FC-S/T-17-1120	1120	SC-FC-S/T-20-1400	1400
80	SC-FC-S/T-10-800	800	SC-FC-S/T-17-1350	1350	SC-FC-S/T-20-1600	1600
120	SC-FC-S/T-10-1200	1200	SC-FC-S/T-17-2050	2050	SC-FC-S/T-20-2400	2400
150	SC-FC-S/T-10-1500	1500	SC-FC-S/T-17-2550	2550	SC-FC-S/T-20-3000	3000
185	SC-FC-S/T-10-1850	1850	SC-FC-S/T-17-3150	3150	SC-FC-S/T-20-3700	3700

Note

- 1.* S/T represents Heating Element. S stands for single conductor and T stands for twin conductor
- 2.Floor cables can also be custom-built as per specific requirements.