HEATING CABLE 6 mm

10, 14, 18, 20 W/m

The 6 mm heating cable is designed for electrical underfloor heating in new constructions and renovation projects where the cable is embedded in screed or concrete. Supplied as a loose cable on a spool, it provides a flexible heating solution that can be adapted to different room layouts and heating requirements.

The robust shielded 2-wire construction makes the cable suitable for both comfort heating and primary room heating. Available in four different power outputs and a wide range of cable lengths, it offers flexibility for different applications and installation conditions.

FLEXIBLE INSTALLATION
The loose heating cable can easily be adapted to different room shapes, fixed installations and individual heating requirements.

IDEAL FOR CONCRETE AND SCREED FLOORS
Designed for fastening to reinforcement mesh or directly to a suitable subfloor before being fully embedded in screed or concrete.

ADJUSTABLE HEAT OUTPUT
The heat output per m² can be adjusted by changing the spacing between the cable runs, making it possible to match the heating output to the requirements of the room.

ROBUST CONSTRUCTION
The strong 6 mm cable construction provides excellent mechanical protection during installation and is designed to withstand the demanding conditions associated with embedding in screed or concrete.

STABLE AND EVEN HEATING
Once embedded, the heating cable heats the surrounding floor construction, creating an even heat distribution and a stable indoor temperature.

VERSATILE APPLICATION
Suitable for both comfort heating and primary heating beneath a wide range of floor coverings, depending on the floor construction and installation requirements.

RELIABLE AND MAINTENANCE-FREE
Once correctly installed, the heating cable requires no maintenance and provides a reliable long-term underfloor heating solution covered by a 25-year warranty.





UK CA CE

Version 4-102026

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DATA SHEET

25 WARRANTY

TECHNICAL DATA

Effect	10 • 14 • 18 • 20 W/m
Supply voltage	230 V
Heating cable dimension	Ø6,2 mm (+/- 0,2 mm)
Conductor insulation	XLPE
Supply cable	3 conductors, tinned copper and LSZH outer jacket
Earthing	Aluminum foil and tinned copper conductor
Heating cable, outer sheath	Polyolefin
Fire class, CPR	E_{ca}
Max. permissible cable temperature	90° C
Construction height, (10-14/18-20 W/m)	10/30 mm above cable
Min. bending radius	36 mm
Warranty	25 years
Approvals	CE • UKCA
IP rating	IPx7
Standard	EN60800 M2
Tolerance resistance	-5 %/+10 %
Tolerance length	+/- 2 %

APPLICATIONS

Wet rooms	✓
Reg. housing	✓
Concrete	✓
Existing floor	✓
In screed	✓

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HEATING CABLE 6 MM - 10 W/ m

DESCRIPTION	ITEM NO.	EFFECT	CURRENT	RESISTANCE
Heating cable Ø6 mm, 10 W/m - 8.0 m	51230008	80 W	0.4 A	640 Ω
Heating cable Ø6 mm, 10 W/m - 14.0 m	51230014	140 W	0.6 A	371 Ω
Heating cable Ø6 mm, 10 W/m - 21.0 m	51230021	220 W	0.9 A	246 Ω
Heating cable Ø6 mm, 10 W/m - 28.0 m	51230028	290 W	1.2 A	185 Ω
Heating cable Ø6 mm, 10 W/m - 35.0 m	51230035	360 W	1.6 A	147 Ω
Heating cable Ø6 mm, 10 W/m - 42.0 m	51230042	420 W	1.8 A	125 Ω
Heating cable Ø6 mm, 10 W/m - 49.0 m	51230049	510 W	2.2 A	104 Ω
Heating cable Ø6 mm, 10 W/m - 56.0 m	51230056	560 W	2.4 A	94 Ω
Heating cable Ø6 mm, 10 W/m - 61.0 m	51230061	630 W	2.7 A	84 Ω
Heating cable Ø6 mm, 10 W/m - 70.0 m	51230070	700 W	3.0 A	76 Ω
Heating cable Ø6 mm, 10 W/m - 80.0 m	51230080	800 W	3.5 A	66 Ω
Heating cable Ø6 mm, 10 W/m - 90.0 m	51230090	900 W	3.9 A	59 Ω
Heating cable Ø6 mm, 10 W/m - 100.0 m	51230100	1000 W	4.3 A	53 Ω
Heating cable Ø6 mm, 10 W/m - 117.0 m	51230117	1190 W	5.2 A	44.5 Ω
Heating cable Ø6 mm, 10 W/m - 130.0 m	51230130	1310 W	5.7 A	40.3 Ω
Heating cable Ø6 mm, 10 W/m - 140.0 m	51230140	1450 W	6.3 A	36.4 Ω
Heating cable Ø6 mm, 10 W/m - 160.0 m	51230160	1650 W	7.2 A	32.0 Ω
Heating cable Ø6 mm, 10 W/m - 180.0 m	51230180	1840 W	8.0 A	28.8 Ω
Heating cable Ø6 mm, 10 W/m - 200.0 m	51230200	2020 W	8.8 A	26.2 Ω
Heating cable Ø6 mm, 10 W/m - 208.0 m	51230208	2080 W	9.1 A	25.4 Ω
Heating cable Ø6 mm, 10 W/m - 220.0 m	51230220	2210 W	9.6 A	24.0 Ω
Heating cable Ø6 mm, 10 W/m - 230.0 m	51230230	2300 W	10.0 A	23.0 Ω

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HEATING CABLE 6 MM - 14 W/ m

DESCRIPTION	ITEM NO.	EFFECT	CURRENT	RESISTANCE
Heating cable Ø6 mm, 14 W/m - 6.9 m	50240006	100 W	0.4 A	552 Ω
Heating cable Ø6 mm, 14 W/m - 11.9 m	50240012	170 W	0.7 A	315 Ω
Heating cable Ø6 mm, 14 W/m - 18.0 m	50240018	250 W	1,1 A	211 Ω
Heating cable Ø6 mm, 14 W/m - 24.0 m	50240024	330 W	1.4 A	158 Ω
Heating cable Ø6 mm, 14 W/m - 30.0 m	50240030	420 W	1.8 A	126 Ω
Heating cable Ø6 mm, 14 W/m - 35.5 m	50240036	500 W	2.2 A	106 Ω
Heating cable Ø6 mm, 14 W/m - 42.0 m	50240042	590 W	2.6 A	89 Ω
Heating cable Ø6 mm, 14 W/m - 48.0 m	50240048	660 W	2.9 A	81 Ω
Heating cable Ø6 mm, 14 W/m - 52.0 m	50240052	740 W	3.2 A	72 Ω
Heating cable Ø6 mm, 14 W/m - 59.0 m	50240059	830 W	3.6 A	64 Ω
Heating cable Ø6 mm, 14 W/m - 67.0 m	50240067	950 W	4.1 A	56 Ω
Heating cable Ø6 mm, 14 W/m - 76.0 m	50240076	1070 W	4.7 A	49.4 Ω
Heating cable Ø6 mm, 14 W/m - 84.0 m	50240084	1190 W	5.2 A	44.5 Ω
Heating cable Ø6 mm, 14 W/m - 100.0 m	50240100	1390 W	6.0 A	38.0 Ω
Heating cable Ø6 mm, 14 W/m - 110.0 m	50240110	1550 W	6.7 A	34.1 Ω
Heating cable Ø6 mm, 14 W/m - 121.0 m	50240121	1680 W	7.3 A	31.5 Ω
Heating cable Ø6 mm, 14 W/m - 136.0 m	50240136	1940 W	8.4 A	27.2 Ω
Heating cable Ø6 mm, 14 W/m - 154.0 m	50240154	2150 W	9.3 A	24.6 Ω
Heating cable Ø6 mm, 14 W/m - 169.0 m	50240169	2390 W	10.4 A	22.1 Ω
Heating cable Ø6 mm, 14 W/m - 176.0 m	50240176	2460 W	10.7 A	21.5 Ω
Heating cable Ø6 mm, 14 W/m - 184.0 m	50240184	2640 W	11.5 A	20.1 Ω
Heating cable Ø6 mm, 14 W/m - 195.0 m	50240195	2710 W	11.8 A	19.5 Ω
Heating cable Ø6 mm, 14 W/m - 205.0 m	50240205	2900 W	12.6 A	18.2 Ω
Heating cable Ø6 mm, 14 W/m - 220.0 m	50240220	3080 W	13.4 A	17.2 Ω

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HEATING CABLE 6 MM - 18 W/ m

DESCRIPTION	ITEM NO.	EFFECT	CURRENT	RESISTANCE
Heating cable Ø6 mm, 18 W/m - 6.0 m	51260006	110 W	0.5 A	480 Ω
Heating cable Ø6 mm, 18 W/m - 10.5 m	51260011	190 W	0.8 A	278 Ω
Heating cable Ø6 mm, 18 W/m - 15.8 m	51260016	290 W	1.3 A	185 Ω
Heating cable Ø6 mm, 18 W/m - 21.0 m	51260021	380 W	1.7 A	139 Ω
Heating cable Ø6 mm, 18 W/m - 26.4 m	51260026	480 W	2.1 A	111 Ω
Heating cable Ø6 mm, 18 W/m - 31.4 m	51260031	570 W	2.5 A	94 Ω
Heating cable Ø6 mm, 18 W/m - 37.0 m	51260037	670 W	2.9 A	78 Ω
Heating cable Ø6 mm, 18 W/m - 42.0 m	51260042	750 W	3.3 A	71 Ω
Heating cable Ø6 mm, 18 W/m - 46.0 m	51260046	830 W	3.6 A	63 Ω
Heating cable Ø6 mm, 18 W/m - 52.0 m	51260052	940 W	4.1 A	56 Ω
Heating cable Ø6 mm, 18 W/m - 60.0 m	51260060	1060 W	4.6 A	49.8 Ω
Heating cable Ø6 mm, 18 W/m - 67.0 m	51260067	1210 W	5.3 A	43.6 Ω
Heating cable Ø6 mm, 18 W/m - 74.0 m	51260074	1350 W	5.9 A	39.2 Ω
Heating cable Ø6 mm, 18 W/m - 88.0 m	51260088	1580 W	6.9 A	33.4 Ω
Heating cable Ø6 mm, 18 W/m - 97.0 m	51260097	1760 W	7.7 A	30.1 Ω
Heating cable Ø6 mm, 18 W/m - 106.0 m	51260106	1920 W	8.3 A	27.6 Ω
Heating cable Ø6 mm, 18 W/m - 120.0 m	51260120	2200 W	9.6 A	24.0 Ω
Heating cable Ø6 mm, 18 W/m - 135.0 m	51260135	2450 W	10.7 A	21.6 Ω
Heating cable Ø6 mm, 18 W/m - 150.0 m	51260150	2690 W	11.7 A	19.7 Ω
Heating cable Ø6 mm, 18 W/m - 155.0 m	51260155	2800 W	12.2 A	18.9 Ω
Heating cable Ø6 mm, 18 W/m - 163.0 m	51260163	2980 W	13.0 A	17.8 Ω
Heating cable Ø6 mm, 18 W/m - 171.0 m	51260171	3090 W	13.4 A	17.1 Ω
Heating cable Ø6 mm, 18 W/m - 181.0 m	51260181	3280 W	14.3 A	16.1 Ω
Heating cable Ø6 mm, 18 W/m - 193.0 m	51260193	3510 W	15.3 A	15.1 Ω

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HEATING CABLE 6 MM - 20 W/ m

DESCRIPTION	ITEM NO.	EFFECT	CURRENT	RESISTANCE
Heating cable Ø6 mm, 20 W/m - 5.8 m	51270006	110 W	0.5 A	464 Ω
Heating cable Ø6 mm, 20 W/m - 10.0 m	51270010	200 W	0.9 A	265 Ω
Heating cable Ø6 mm, 20 W/m - 15.0 m	51270015	300 W	1.3 A	176 Ω
Heating cable Ø6 mm, 20 W/m - 20.0 m	51270020	400 W	1.7 A	132 Ω
Heating cable Ø6 mm, 20 W/m - 25.0 m	51270025	500 W	2.2 A	105 Ω
Heating cable Ø6 mm, 20 W/m - 30.0 m	51270030	590 W	2.6 A	89 Ω
Heating cable Ø6 mm, 20 W/m - 36.0 m	51270036	690 W	3.0 A	76 Ω
Heating cable Ø6 mm, 20 W/m - 40.0 m	51270040	790 W	3.4 A	67 Ω
Heating cable Ø6 mm, 20 W/m - 44.0 m	51270044	870 W	3.8 A	61 Ω
Heating cable Ø6 mm, 20 W/m - 50.0 m	51270050	980 W	4.3 A	54 Ω
Heating cable Ø6 mm, 20 W/m - 57.0 m	51270057	1120 W	4.9 A	47.3 Ω
Heating cable Ø6 mm, 20 W/m - 64.0 m	51270064	1270 W	5.5 A	41.6 Ω
Heating cable Ø6 mm, 20 W/m - 71.0 m	51270071	1410 W	6.1 A	37.6 Ω
Heating cable Ø6 mm, 20 W/m - 84.0 m	51270084	1660 W	7.2 A	31.9 Ω
Heating cable Ø6 mm, 20 W/m - 93.0 m	51270093	1830 W	8.0 A	28.8 Ω
Heating cable Ø6 mm, 20 W/m - 101.0 m	51270101	2010 W	8.7 A	26.3 Ω
Heating cable Ø6 mm, 20 W/m - 115.0 m	51270115	2300 W	10.0 A	23.0 Ω
Heating cable Ø6 mm, 20 W/m - 130.0 m	51270130	2540 W	11.0 A	20.8 Ω
Heating cable Ø6 mm, 20 W/m - 143.0 m	51270143	2820 W	12.3 A	18.7 Ω
Heating cable Ø6 mm, 20 W/m - 148.0 m	51270148	2930 W	12.7 A	18.1 Ω
Heating cable Ø6 mm, 20 W/m - 156.0 m	51270156	3110 W	13.5 A	17.0 Ω
Heating cable Ø6 mm, 20 W/m - 163.0 m	51270163	3250 W	14.1 A	16.3 Ω
Heating cable Ø6 mm, 20 W/m - 172.0 m	51270172	3460 W	15.0 A	15.3 Ω
Heating cable Ø6 mm, 20 W/m - 185.0 m	51270185	3670 W	16.0 A	14.4 Ω

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ACCESSORIES

DESCRIPTION	ITEM NO.
Thermostat	
Wire mesh 25x25mm	34000025
Wire mesh 67x67mm	34000070

LINK TO OUR WEBSITE

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