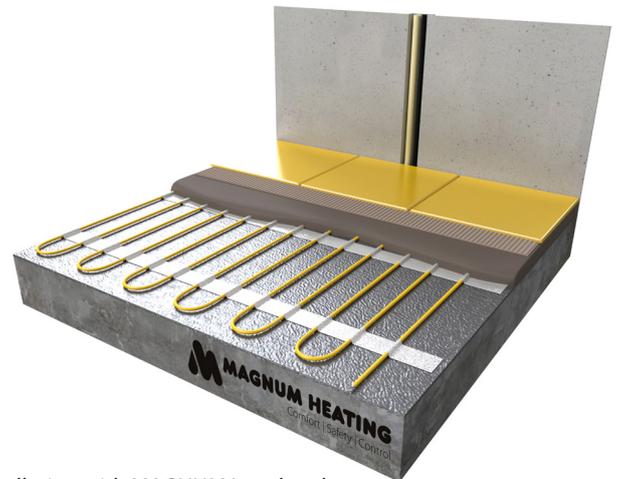


MAGNUM Cable 17 Watt (Set) Underfloor heating cable

The MAGNUM Cable is specially designed for installation in cement screeds. The mutual cable distance determines the power per m². This gives you the freedom to install more power (faster reaction, higher temperatures) or less power (for constant or low temperatures).

Because the cable is deformable, installation becomes easy. It can be attached to MAGNUM Isorol and dovetailed sheets through aluminum tape or to concrete mesh with tiewraps. There are also convenient spacer strips available for direct mounting on the floor.

The advanced WiFi thermostat takes into account the necessary warm-up time, so that your floor always has the right temperature at the right time. The absence of radiators on the wall offers optimal freedom in interior design. (If main heating is possible).



Installation with MAGNUM Isorol and tape

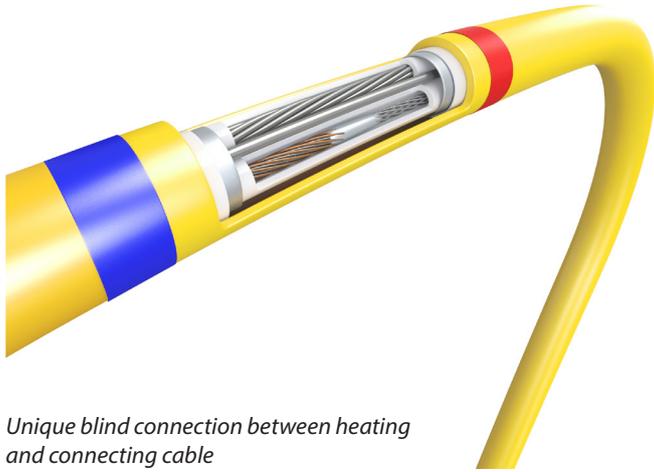


Installation on reinforcement mesh with tie wraps

Specifications

System type	Electric
System height	7 mm
System width	Variable
Min. setting height	30 mm
Installation	Screed
Power	115 - 200W/m ²
In wet areas	✓
Tiles	✓
Wood	✓
(PVC) Laminate	✓
Carpet	✓
Certification	CE, VDE
Warranty	Lifetime





Unique blind connection between heating and connecting cable

Example calculations cable distance

To calculate the correct cable distance, divide the number of square meters of free floor space by the total power of the set. Multiply the result by 17 (= Watts per meter cable). The first two numbers after the comma indicate the cable distance in centimeters.

Some examples of additional heating:

500 Watt cable on 3 m²: (166W/m²)
 (3 m² : 500 Watt) X 17 W/m¹ = 0,102
 Install the cable at 10 cm apart from each other

1000 Watt cable on 7 m²: (142W/m²)
 (7 m² : 1000 Watt) X 17 W/m¹ = 0,119
 Install the cable at 11-12 cm apart from each other

Technical details

- EMC-free, 2-conductor cable
- 2,5 meter three-wire power cable
- Unique blind connection between heating and connection cable
- Full enclosure by aluminum sheath
- Chrome/Nickel resistance wire
- XLPE insulation
- PVC protective sheath
- 17 Watt per meter power, 230 Volt
- Cable diameter approx. 7 mm
- Produced and inspected in accordance with IEC 800 standards
- VDE approved and CE standard within Europe

Installation methods

The cables are available in total capacities from 300 to 3300 Watts, sufficient for surfaces between 2 and 30 m². Because the cable is looped at the end, there is only one side of a power cable, which is invisibly attached through the unique connection. This means that there is no need for a return to the thermostat. MAGNUM Cable is not suitable for use in lightweight concrete.

Package contents

- Heating cable
- MAGNUM Remote Control WiFi thermostat
- Floor sensor
- Mounting tape
- Flexible tube for floor sensor
- Installation instructions

Warranty

Lifelong* warranty on the electrical function of the heating cable and 2 years on the thermostat and floor sensor.

*See conditions on: magnumheating.com

Art.nr.	Description	Cable length	Power	Amps	Ohm
100305	MAGNUM Cable Set	17,6 m	300 Watt	1,3	177
100505	MAGNUM Cable Set	29,4 m	500 Watt	2,2	109
100705	MAGNUM Cable Set	41,2 m	700 Watt	3	76
101005	MAGNUM Cable Set	58,8 m	1000 Watt	4,3	53
101255	MAGNUM Cable Set	73,5 m	1250 Watt	5,5	42
101705	MAGNUM Cable Set	100 m	1700 Watt	7,4	31
102105	MAGNUM Cable Set	123,5 m	2100 Watt	9	25
102605	MAGNUM Cable Set	152,9 m	2600 Watt	11,3	20
102905	MAGNUM Cable Set	170,6 m	2900 Watt	12,8	18
103305	MAGNUM Cable Set	194,1 m	3300 Watt	14,3	16

Art.nr.	Options	Unit
720100	MAGNUM Stabiliser fibres	Bag of 150 gram
720200	MAGNUM Aluminium tape	Roll of 22,5 m x 5 cm
720310	MAGNUM Spacer strips	10 m
720315	MAGNUM Spacer strips	15 m
720400	MAGNUM Edge strips	Roll of 10 m x 10 cm
720502	MAGNUM Isorol	Roll of 24 m ² (20 x 1,2 m) - 3 mm thick