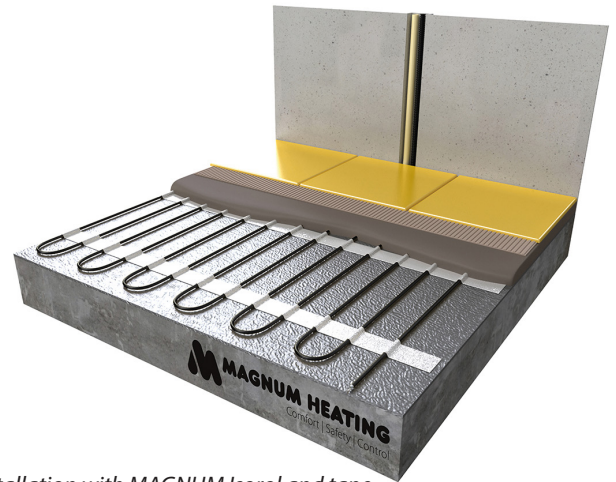


## MAGNUM Cable 10 Watt (Single) Underfloor heating cable

The MAGNUM Cable is specially designed for installation in cement screeds. The mutual cable distance determines the power per m<sup>2</sup>. 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 absence of radiators on the wall offers optimal freedom in interior design. (If main heating is possible).



Installation with MAGNUM Isorol and tape

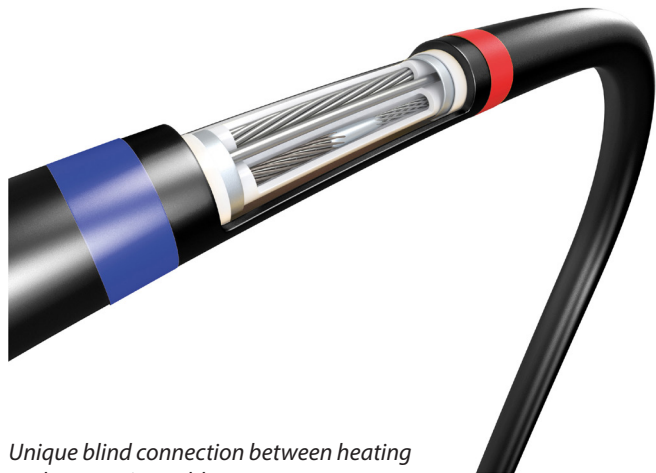


Installation on reinforcement mesh with tie wraps

### Specifications

System type	Electric
System height	7 mm
System width	Variable
Min. setting height	30 mm
Installation	Screed
Power	60 - 200W/m <sup>2</sup>
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 10 (= 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 m<sup>2</sup>: (166W/m<sup>2</sup>)  
 (3 m<sup>2</sup> : 500 Watt) X 10 W/m<sup>1</sup> = 0,06  
 Install the cable at 6 cm apart from each other

1000 Watt cable on 7 m<sup>2</sup>: (142W/m<sup>2</sup>)  
 (7 m<sup>2</sup> : 1000 Watt) X 10 W/m<sup>1</sup> = 0,07  
 Install the cable at 7 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
- 10 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 100 to 1900 Watts, sufficient for surfaces between 1 and 20 m<sup>2</sup>. 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
- Mounting tape
- Flexible tube for floor sensor
- Installation instructions

### Warranty

Lifelong\* warranty on the electrical function of the heating cable.

\*See conditions on: [magnumheating.nl](http://magnumheating.nl)

Art.nr.	Description	Cable length	Power	Amps	Ohm
120107	MAGNUM Cable 10	10 m	100 Watt	0,4	529
120207	MAGNUM Cable 10	20 m	200 Watt	0,9	264
120307	MAGNUM Cable 10	30 m	300 Watt	1,3	176
120407	MAGNUM Cable 10	40 m	400 Watt	1,7	132
120507	MAGNUM Cable 10	50 m	500 Watt	2,2	106
120607	MAGNUM Cable 10	60 m	600 Watt	2,6	88
120807	MAGNUM Cable 10	80 m	800 Watt	3,5	66
121007	MAGNUM Cable 10	100 m	1000 Watt	4,3	53
121207	MAGNUM Cable 10	120 m	1200 Watt	5,2	44
121507	MAGNUM Cable 10	150 m	1500 Watt	6,5	35
121907	MAGNUM Cable 10	190 m	1900 Watt	8,3	28