



## HEATIT BVK 10W HEATING CABLE

Heating cable for underfloor heating 10W/m

Heatit heating cable for indoor use in low-build floor constructions. The cable has a diameter of Ø3.5mm.

HC heating cables are well suited for renovation of existing floors and installations where low build height is important. Depending on the subfloor and covering, the total build height will in most cases be between 4mm and 20mm.

The heating cables can be installed directly on the floor for embedding in levelling/self-levelling compound, and can also be used together with systems such as Heatboard8 (not applicable for HC RVK) and Heatit QuickMat.

The cables have a robust outer sheath that can be shaped and adapted during installation before being fixed in place. This makes them well suited for heating in low-build constructions.

When used correctly, HC heating cables are a very environmentally friendly alternative for all homes. By using a control system, the temperature can be individually regulated in each room. This reduces energy consumption and enables more efficient use of electricity.

Available variants:

- HC GVK 6W/m
- HC BVK 10W/m
- HC RVK 13W/m

### PRODUCT FEATURES

- Versatile heating cable for indoor use.
- Easy to install and adapt to different floor constructions.
- Lead-free and manufactured without hazardous or toxic substances.
- Clear and visible joint between the heating cable and the cold lead.
- The cable requires no additional build-up and can be installed directly in cast concrete constructions.
- Suitable for installation on wood, chipboard, concrete, parquet, vinyl flooring, carpet, cork, tiles, and most other floor types that tolerate heat.
- The cable can be fully bonded to a non-combustible subfloor or installed using fixing strips.
- Can also be installed in Heatboard8 and Heatit QuickMat.

### PRODUCT COVER

Carpet floor, Concrete, Flooring, Laminate floors, Parquet floors, Tiles, Vinyl, Woodchip boards

### GROUND PROTECTION/RCD/THERMOSTAT

The heating cable installation must be protected by an upstream residual current device (RCD) with a tripping current not exceeding 30mA.

The heating cable installation must also be connected to an electronic thermostat that allows the heating output to be adjusted according to the required temperature.

### PRODUCT DATA

Voltage	230VAC 50Hz
Cable type	Twin conductor, grounded
Grounding	Copper wire with alu sheathing
Effect pr. meter (watt pr. running meter)	10W
Cable diameter (Ø - mm)	3.5mm
Cold lead	6m
Max temperature (average)	80°C
Ambient temperature range in use	0 to 40°C
Ambient temperature range in storage (°C)	-20 to 50°C
Min/max installation temperature	0 to 40°C
Colour	Blue
Outer sleeve material	Polyolefin
IP Code	IPX7
Certification	Reach, RoHS
EN Standards	CE
Warranty in Norway	10 years
Warranty international	2 years
Product height/diameter	3.5mm
Customs number	85168000



## Product Overview

Art no.	Product	Total effect	Length	Ohm-value	
10 116 10	Heatit BVK10 100W/10m 10W/m	100W	10 meter	529 Ω	
10 116 11	Heatit BVK10 150W/15m 10W/m	150W	15 meter	353 Ω	
10 116 12	Heatit BVK10 200W/20m 10W/m	200W	20 meter	265 Ω	
10 116 13	Heatit BVK10 300W/30m 10W/m	300W	30 meter	176 Ω	
10 116 14	Heatit BVK10 400W/40m 10W/m	400W	40 meter	132 Ω	
10 116 15	Heatit BVK10 500W/50m 10W/m	500W	50 meter	106 Ω	
10 116 16	Heatit BVK10 600W/60m 10W/m	600W	60 meter	88 Ω	
10 116 17	Heatit BVK10 700W/70m 10W/m	700W	70 meter	76 Ω	
10 116 18	Heatit BVK10 800W/80m 10W/m	800W	80 meter	66 Ω	
10 116 19	Heatit BVK10 900W/90m 10W/m	900W	90 meter	59 Ω	
10 116 20	Heatit BVK10 1000W/100m 10W/m	1000W	100 meter	53 Ω	
10 116 22	Heatit BVK10 1200W/120m 10W/m	1200W	120 meter	44 Ω	
10 116 24	Heatit BVK10 1400W/140m 10W/m	1400W	140 meter	38 Ω	
10 116 26	Heatit BVK10 1600W/160m 10W/m	1600W	160 meter	33 Ω	
10 116 28	Heatit BVK10 1800W/180m 10W/m	1800W	180 meter	29 Ω	
10 116 29	Heatit BVK10 2000W/200m 10W/m	2000W	200 meter	26 Ω	

## MAINTENANCE

The product is maintenance-free, but it must always be installed in compliance with the manual.

## RETURN AND RECYCLING

The product must be recycled as electrical waste.

## DISCLAIMER

No additional build-up is required; the heating cable is installed directly in the concrete construction. The cable can be installed on TF steel mesh, but must not be installed directly on reinforcement mesh. It can also be fully bonded to a non-combustible subfloor or fixed using installation strips.

When embedding the heating cable in concrete, the casting process must be carried out in accordance with the installation manual.

We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).

All electrical installations must be carried out by an authorized electrical installer. The product must be installed in accordance with our installers manual and national building codes. Any wrongful installation, misuse, damage of the product, is not covered under warranty.

Updated documentation is available at [www.thermo-floor.no](http://www.thermo-floor.no) and/or [documents.thermo-floor.no](http://documents.thermo-floor.no)

Heatit Controls AS can not be held liable for any type of errors or omissions in our product information.

Product specifications may change without further notice.



# Kabelsnitt / Cable cross section

## **TF BVK 10 varmekabel**

### TF BVK 10 heating cable

**Varmetråder**

Heating Wires

**Isolasjon**

Insulation

**Jordleder**

Ground wire

**Aluminiumskappe**

Aluminium Shield

**Polyolefin ytterkappe**

Polyolefin Outer Sheath

**Heatit BVK 10W Heating Cable can be ordered from thermo-floor.no**All additional documentation are available on [documents.heatit.no/10116-02](https://documents.heatit.no/10116-02)