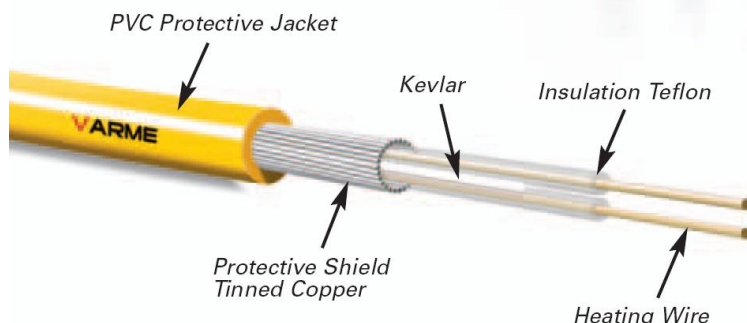


Technical data & specifier guide - FH10 cables

Technical data -

Our main heating cable comprises of a twin element resistance wire, coated with Teflon, it has 2 Kevlar inserts & is surrounded by a tinned copper earth shield & a final PVC outer jacket.



- Twin conductor insulated heating cable
- manufactured pursuant to VDE0700 & EN60335-1: 1994
- Teflon insulation of heating conductors pursuant to VDE0700, composition pursuant VDE0207 part 20
- Country of manufacture – Denmark
- Cable diameter – 3 mm
- Extremely durable
- Single 2.8m 'cold' cable
- Output 10W per linear metre
- Protective shield – tinned copper
- Dielectric strength 2500 volt AC
- Rated voltage 230 VAC / 50Hz
- Maximal cable temperature 90 deg C
- Pull Enforcement – 2 x Kevlar Wires
- UV Resistant
- Approvals CE & SEMKO
- Application – Underfloor heating

Product Code	Cable length in metres	Power in watts	Resistance (ohm)
FH10/15	15m	150w	351
FH10/250	25m	250w	210
FH10/350	35m	350w	151
FH10/450	45m	450w	118
FH10/550	55m	550w	96
FH10/650	65m	650w	81
FH10/750	75m	750w	69
FH10/900	90m	900w	58
FH10/1100	110m	1100w	48
FH10/1300	130m	1300w	41
FH10/1500	150m	1500w	35
FH10/1800	180m	1800w	29

Installation

- Recommended power density between 50%-100% increase on the **buildings net heat loss per m²** – this will facilitate reasonable warm-up times.
- Maximum recommended output 200W/m², minimum output 90W/m².
- Suitable for primary heating or comfort heat source
- Recommended control – digital thermostat with floor sensor
- Installation in thin-flowing screeds for most* floor finishes, or directly beneath, stone, ceramic & marble flooring.
- Loop spacing guide – divide the available sqm by the cable length to give the spacing in cms – e.g. 10m² room – 150W/m², use 1500W (150m) cable. 10m² / 150m = 0.066m (6.6cms)

Standard cable sizes available as shown above: 2 or more cables can be connected together in parallel at the thermostat to cover larger rooms. All circuits must incorporate 30mA RCD protection

Warranty period – 10 years from date of installation.

* {Note always check with floor covering manufacturer concerning suitability with underfloor heating}

Floor Heating Systems Ltd

Fairway Court, Wigwam Lane, Hucknall, NG15 7TA
Tel 0115 983 4259 Fax 0115 963 2317, web www.varme.co.uk