

## SPECIFICATIONS

# Xcable™ CK 10

## Under timber screed cable



The Xcable™ CK 10 twin conducting cable features fluoropolymer and PVC outer sheath. Ideal for under timber floor heating, the CK 10 can be used on a structural slab, a fibre cement or F-Board insulation (recommended), as well as into a 20-25mm screed bed. The cable is rated to 10 watts per meter and comes with a single 3m (or custom size) cold tail. The cable complies with IEC 60800:2009.

- 20 years warranty
- Output power based on 230 volts
- Maximum Operating Temperature: +70°C



## TECHNICAL FEATURES

### CONSTRUCTION

Cable core	Single conductor; single strand
Insulation	Fluoro-polymer first layer around each core with both cores embedded in a cross-linked polyethylene second layer
Protection screen	Aluminium foil with copper drain wire
Outer Sheath	PVC
Outer cable diameter	5.0 - 5.4mm

### MECHANICAL PROPERTIES

Minimum Bending Radius	40mm
Pulling Strength	300N
Deformation Strength	1,500N

### APPLICATION

In-screed heating on concrete floors (20-25mm)	✓
In-screed heating on FC sheet (20-25mm)	✓
Freezers (frost heave protection)	✓
Frost protection	✓
Ice and snow melting	✓
Heating directly under tiles	✗
In-screed heating under timber floor	✗
In-screed heating over timber joist floor structure	✗
In-slab (storage) heating in concrete floors	✗

### HEATING PROPERTIES

Max Permitted Operating Temp	+70°C
Min Installation Temperature	-5°C

### ELECTRICAL PROPERTIES

Rated Voltage	230V
Maximum watts per meter	20W/m

## AVAILABLE SIZES

Code No	Output	Resistance Ohm/m	Lenght
A1B 101	100 W	53 Ohm	10 m
A1B 102	150 W	24 Ohm	15 m
A1B 103	200 W	13.5 Ohm	20 m
A1B 104	250 W	8.62 Ohm	25 m
A1B 105	300 W	6.0 Ohm	30 m
A1B 107	400 W	3.38 Ohm	40 m
A1B 108	500 W	2.15 Ohm	50 m
A1B 109	600 W	1.50 Ohm	60 m
A1B 110	700 W	1.08 Ohm	70 m
A1B 111	800 W	0.84 Ohm	80 m
A1B 113	1,000 W	0.53 Ohm	100 m
A1B 114	1,200 W	0.372 Ohm	120 m
A1B 115	1,400 W	0.28 Ohm	140 m
A1B 116	1,600 W	0.21 Ohm	160 m
A1B 118	2,000 W	0.134 Ohm	200 m

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