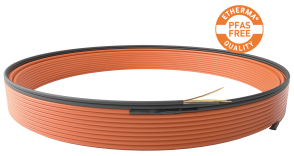
ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

PRODUCT DATASHEET

Type: eFLOOR-CABLE-PRO-12-112
Art. Nr.: 46527

9120129932837

Short description
Heating loop for thin-bed installation, PFAS-free, 12W/m, 112m, 1347W



Product Description
The eFLOOR CABLE PRO heating loops have been specially developed for direct installation under tiles and stone floors in interior areas and are ideal for efficient floor temperature control. They offer a flexible solution for a wide range of room geometries and applications – from living areas to commercial premises. Thanks to the individually adjustable installation spacing, the heating loops can be laid out precisely according to heat requirements and structural conditions, ensuring even and demand-based heat distribution. The factory-assembled heating loops consist of a high-quality dipole heating conductor, which ensures low electromagnetic field emission and is therefore particularly user-friendly. The connection cable (cold end) is permanently waterproof and is not heated. It is 4 m long as standard, but can be manufactured in custom lengths on request to enable optimum adaptation to local conditions. eFLOOR CABLE PRO is available in 12 W/m and, thanks to its flexible installation spacing, allows precise design according to the desired energy requirement. The heating conductor is PFAS-free, making it particularly environmentally friendly. The maximum temperature resistance is 90 °C. The minimum bending radius is 5 × d. Protection class: IP X7. The heating conductor thickness is approximately 3.2 mm. Protective measure: 30 mA residual current circuit breaker. CE compliant. This product is a stationary, electric floor heating device for individual rooms; in order to meet the mandatory ecodesign requirements of Commission Regulation (EU) 2024/1103, it must be supplemented by a controller that fulfills at least the following control functions: electronic room temperature controller with weekday control (TW) and at least one f function (e.g., f2 or f4); the following combinations are possible: TW (f2), TW (f3), TW (f4), TW (f8)

ETIM 10 Characteristics

Cable type	Dual core	**Nominal voltage**	230 Volt
Constant power	✔	**Max. hold temperature**	90 Degrees celsius
Self-limiting	✖	**Heating capacity**	12 Watt per metre
Screening	Foil	**Diameter**	2.7 Millimetre
Material screening	Copper	**Height**	0 Millimetre
Surface coating screening	Tinned	**Width**	0 Millimetre
Colour	Orange	**Length**	112 Metre
Application	Other		

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