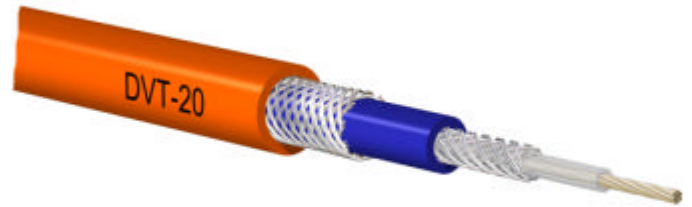


Technical data & specifier guide – DVT20 In screed heating cable

Technical data -

Heating cable comprises of a twin element resistance wire, coated with teflon primary insulation, aluminium foil & tinned copper braid plus 2 x PVC outer insulation layers.



- Twin conductor insulated heating cables manufactured pursuant to VDE0253 (NH2GYQUY)
- Teflon insulation of heating conductors pursuant to VDE0253, composition pursuant to VDE0207 part 20
- Country of manufacture – Denmark
- Cable diameter – 6 mm
- Extremely durable
- Single 'cold' connection from one end only
- Standard output 20w per linear metre
- Double protective shield aluminium & tinned copper braid
- Dielectric strength 2500 volt AC
- Rated voltage 230 VAC / 50Hz
- Maximal cable temperature 150 deg C
- Maximal load 20 w/metre
- UV Resistant
- Approvals CE & SEMKO
- Application – Underfloor heating & frost protection

Product Code	Cable length in metres	Power in watts
DVT20 - 240	12m	240w
DVT20 - 400	20m	400w
DVT20 - 600	30m	600w
DVT20 - 800	40m	800w
DVT20 - 1000	50m	1000w
DVT20 - 1200	60m	1200w
DVT20 - 1400	70m	1400w
DVT20 - 1600	80m	1600w
DVT20 - 2000	100m	2000w
DVT20 - 2400	120m	2400w
DVT20 - 3000	150m	3000w

Installation

- Recommended power density between 50%-100% increase on the buildings net heat loss per sqm – this will facilitate reasonable warm-up times.
- Maximum recommended output 200w per sqm, minimum output 70w per sqm.
- Suitable for primary heating or comfort heat source
- Recommended control – digital thermostat with floor sensor
- **Installation in concrete screeds** optimum depth of 40-50mm & at 120-200w per sqm for direct acting system or directly beneath heavy stone floors. For a storage floor combined slab/screed needs to be 100-150mm & recommended output 180-250w per sqm

Standard cable sizes available as shown above: 2 or more cables can be connected together in parallel at the thermostat to cover larger rooms up to the maximum thermostat rating of 15amps, thereafter the choice is a second thermostat or a contactor/relay.

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}