

## DVT20 & DVT30 In screed / in-slab heating cable

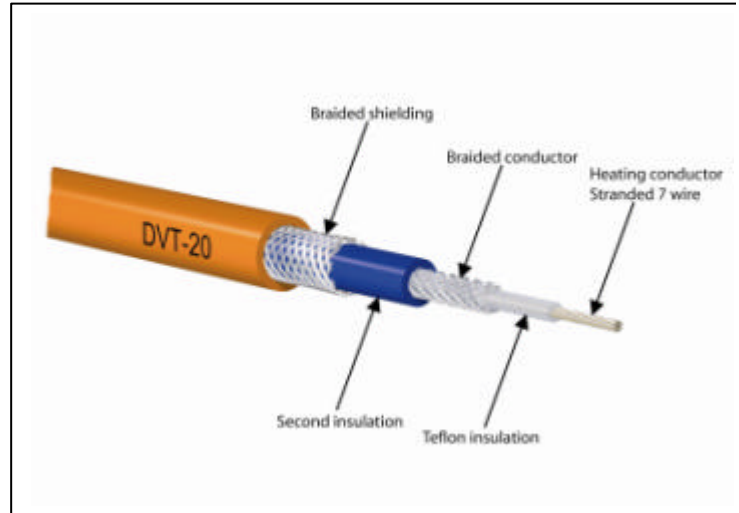
There are a wide variety of applications for the DVT20 & DVT30 (in-screed/slab) cables including:

Domestic & commercial floor heating applications,  
Both, direct acting & storage heating  
Frost protection of gutters & pipes  
Freezer room floors  
Concrete curing

### 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 cable manufactured pursuant to VDE0253
- Constant wattage output 20w per linear metre (Also available in 30w per linear metre)
- Teflon insulation of heating conductors pursuant to VDE0253, composition pursuant to VDE0207 part 20
- Country of manufacture – Denmark
- Cable diameter – 6 mm
- Single 'cold' cable (connection from one end only)
- Standard output 20w per linear metre
- Double protective aluminium shield & 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 - 500	25m	500w
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
<b>DVT30 – 1000</b>	<b>31m</b>	<b>1000w</b>
<b>DVT30 – 1400</b>	<b>45m</b>	<b>1400w</b>
<b>DVT30 – 2500</b>	<b>82m</b>	<b>2500w</b>
<b>DVT30 - 3500</b>	<b>115m</b>	<b>3500w</b>

### Installation

- Recommended power density between 50%-100% increase on the buildings net heat loss per sqm – this will facilitate reasonable warm-up times.
- Suitable for primary heating or comfort heat source
- Recommended control – digital thermostat with floor sensor
- Installation in concrete screeds optimum depth of 40-70mm & 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
- Installation onto directly to reinforcing mesh, galvanised wire mesh, or with fixing strips.
- Warranty period – 10 years from date of installation.