



# PST 18

Installation ready series resistance cable



**PST18 heating cables allow you to easily implement modern and safe underfloor heating in detached houses, factory buildings, and in similar locations where the floor is cast with concrete.**

The product is delivered on a cardboard spool as a ready-to-install product in standard lengths: the heating cable comes in a length of 8–141 meters, while the connection cable length is 3 meters. Applications include partially storing and direct underfloor heating. Thanks to UV protection, the cable is also suitable for frost protection applications such as sewers, rainwater systems, water pipes and outdoor areas. The product is CE marked.



*If PST heating cables are used as space heaters, they must be controlled by a thermostat that complies with the EcoDesign directive. The cable or heating mats are classified as space heaters when installed indoors, in residential spaces.*

*Note that with the right control system, anti-freeze systems are more energy and cost-effective. At the same time, using a control system extends the service life of the cables. Refer to our customer service for product guidance and finding a suitable control system.*

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## TECHNICAL SPECIFICATIONS



<b>Rated power</b>	20 W/m
<b>Operating voltage</b>	230 V
<b>Insulation</b>	Fluoropolymer sheath (0.25 mm) and XLPE polyethylene sheath (0.6 mm)
<b>Shielding</b>	Earth wires + ALPET foil
<b>Outer sheath</b>	PVC (0.8 mm)
<b>External dimensions</b>	Ø approx. 6 mm
<b>Max. ambient temperature</b>	80 °C
<b>Min. bending radius</b>	35 mm (70 mm installation distance)
<b>Min. installation temperature</b>	-5 °C
<b>UV protection</b>	Yes
<b>Tensile strength</b>	2000 N
<b>Connection cable</b>	3 m

PRODUCT NUMBER	TYPE	LENGTH (m)	POWER (W)	RESISTANCE (ohm Ω)
81 670 16	LÄMPÖKAAPELI PST 8/160	8,0	160	310
81 670 17	LÄMPÖKAAPELI PST 14/270	14,0	270	196
81 670 18	LÄMPÖKAAPELI PST 17/340	17,0	340	152
81 670 19	LÄMPÖKAAPELI PST 22,5/450	22,5	450	118
81 670 20	LÄMPÖKAAPELI PST 27/540	27,0	540	97
81 670 21	LÄMPÖKAAPELI PST 32/640	32,0	640	82
81 670 22	LÄMPÖKAAPELI PST 39/780	39,0	780	67
81 670 23	LÄMPÖKAAPELI PST 44/870	44,0	870	61
81 670 24	LÄMPÖKAAPELI PST 53,5/1070	53,5	1070	49
81 670 25	LÄMPÖKAAPELI PST 64/1290	64,0	1290	41
81 670 26	LÄMPÖKAAPELI PST 79/1580	79,0	1580	33
81 670 27	LÄMPÖKAAPELI PST 92/1850	92,0	1850	28
81 670 28	LÄMPÖKAAPELI PST 117/2300	117,0	2300	23
81 670 29	LÄMPÖKAAPELI PST 141/2750	141,0	2750	19