



PST 20

Self-regulating defrosting cable



The PST 20 heating cable is suitable for frost protection in rainwater systems, including gutters, downpipes, and roof slopes. The high-quality UV-protected frost protection cable is very durable and withstands outdoor well.

Supplied either by the metre or as a ready-to-install cable tailored to the site, in which case the frost protection cable is supplied with the desired cold lead. End termination and extension kits are also available, which enable the cable connections to be made on site.

The power of a self-limiting heating cable is not necessarily the same along the entire length of the cable, but varies along the cable if it is exposed to different conditions.

| PRODUCT NUMBER | TYPE |
|----------------|---|
| 04 350 17 | Self-regulating cable PST 20w/m@10°C |
| 81 789 03 | Connection kit, heat cable to cold lead |
| 81 789 02 | Extension kit, heat cable to heat cable |
| 81 789 13 | End termination kit, self regulating cables |

Please note that with the right control system, frost protection is more cost-effective and at the same time, using a control system extends the service life of cables. For this reason, it is always recommended to use a thermostat or other external control even for self-limiting heating cables.

Read more in the product installation instructions or ask our customer service for support.

PSTL 20

TECHNICAL SPECIFICATIONS

Outer sheath

Shielding

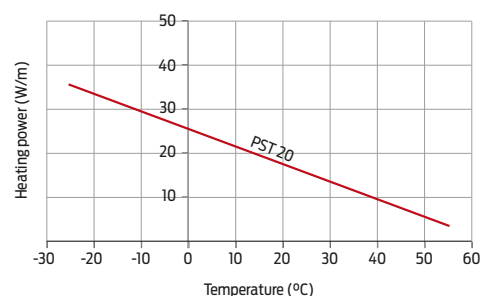
Insulation

Conductor

TECHNICAL SPECIFICATIONS

| | |
|-------------------------|----------------------------------|
| Power | 20 W/m @ +10 °C |
| Operating voltage | 230 VAC |
| Outer sheath | TPE-O |
| Shielding | Braid screen, tinned copper |
| Conductors | Nickel-plated copper |
| Diameter | 5,8 mm x 14,1 mm |
| Max. ambient temp. | Power off 80 °C, energized 65 °C |
| Min. installation temp. | -45 °C |
| Min. bending radius | 25 mm |
| UV protection | Yes |

| SWITCHING TEMPERATURE | NOMINAL FUSE RATING | MAX. HEATING CIRCUIT LENGTH* |
|-----------------------|---------------------|------------------------------|
| 10 °C | 10 A | 68,0 m |
| | 16 A | 109,0 m |
| | 20 A | 129,0 m |
| 0 °C | 10 A | 57,0 m |
| | 16 A | 92,0 m |
| | 20 A | 115,0 m |
| -10 °C | 10 A | 50,0 m |
| | 16 A | 79,0 m |
| | 20 A | 99,0 m |
| -20 °C | 10 A | 44,0 m |
| | 16 A | 70,0 m |
| | 20 A | 87,0 m |



* Heating circuit lengths taking into account:

- 230 V nominal voltage
- Slow-acting circuit breaker (C-curve), maximum heating load 80%
- Heating cable supply line voltage drop maximum 10%
- One (1) heating cable, unidirectional supply
- Installed on the surface of an insulated metal pipe in accordance with EN62395-1