







ECaqua 9T

The ECaqua 9T is a light blue, high-quality, round, series resistive, full screened, twin conductor heating cable with a tough outer sheath and with a special 3/4" and 1" pipe fitting. It is approved for use in contact with drinking water up to 23 °C.

The ECaqua 9T is a heating cable developed for being installed inside drinking water pipes with the purpose to prevent frozen pipes (not for keeping water hot in pipes). The ECaqua 9T is designed with output of 9 W/m at 230 V, as it has been evaluated to give a good balance between needed output and long-term use of the product. The heating cable is supplied in readymade lengths with a 3/4" and 1" fitting to establish a water tight entrance for the heating cable into the drinking water pipe. It is equipped with a UV stable cold lead with solid conductors ensuring fast installation with a clearly visible connection.

Note! ECaqua 9T is only for use when installed in a pipe and only when fully covered by water. ECaqua 9T is only intended for being used for cold drinking water with max. temperature 23 °C.

Product specifications

| | | |
|---|-------------------------------|--|
| Benefits <ul style="list-style-type: none"> • Frost protection inside water pipes • Approved for drinking water • GDV certificate • Readymade with cold tail • Wide range up to 150 m • 3/4" and 1" pipe fitting • Safe and robust • Long life-time Approvals:     | Nominal voltage | 230 V~ |
| | Construction | Round, series resistive, twin conductor with 360° screen, with stainless steel fitting 3/4" and 1" pipe fitting, one cold lead |
| | Output | 9 W/m @ 230 V~ |
| | Max. water pressure | 10 Bar |
| | Max. water temperature | 23 °C |
| | Cable dimensions | Ø 7 mm |
| | Deformation strength | > 1500 N |
| | Pulling strength | > 650 N |
| | Conductor insulation | XLPE |
| | Outer sheath | Light blue, MDPE |
| | Screen | Alu-foil 100% coverage + 0,5 mm ² tinned copper drain wire |
| | Cold lead | 2,3 m DTCL, 3G 1,5mm ² , UV-resistant |
| | Min. installation temperature | -5 °C |
| | Bending Ø, min. | 6 x cable diameter |
| IP Class | IPX7 | |
| Standard compliance <ul style="list-style-type: none"> • EN/IEC 60800:2009 | | |

Types

| Item no. | Cable length | Output | Resistance | EAN no. |
|----------|--------------|--------|------------|---------------|
| 088L0050 | 3 m | 25 W | 2116,0 Ω | 5703466145227 |
| 088L0051 | 5 m | 45 W | 1175,6 Ω | 5703466145234 |
| 088L0052 | 7 m | 65 W | 813,8 Ω | 5703466145241 |
| 088L0053 | 10 m | 90 W | 587,8 Ω | 5703466145258 |
| 088L0054 | 12 m | 110 W | 480,9 Ω | 5703466145265 |
| 088L0055 | 15 m | 135 W | 391,9 Ω | 5703466145272 |
| 088L0056 | 20 m | 180 W | 293,9 Ω | 5703466145289 |
| 088L0057 | 25 m | 225 W | 235,1 Ω | 5703466145296 |
| 088L0058 | 30 m | 270 W | 195,9 Ω | 5703466145302 |
| 088L0059 | 35 m | 315 W | 167,9 Ω | 5703466145319 |
| 088L0060 | 40 m | 360 W | 146,9 Ω | 5703466145326 |
| 088L0061 | 50 m | 450 W | 117,6 Ω | 5703466145333 |
| 088L0062 | 60 m | 540 W | 98,0 Ω | 5703466145340 |
| 088L0063 | 70 m | 630 W | 84,0 Ω | 5703466145357 |
| 088L0064 | 80 m | 720 W | 73,5 Ω | 5703466145364 |
| 088L0065 | 90 m | 810 W | 65,3 Ω | 5703466145371 |
| 088L0066 | 100 m | 900 W | 58,7 Ω | 5703466145388 |
| 088L0067 | 110 m | 990 W | 53,4 Ω | 5703466145395 |
| 088L0068 | 120 m | 1080 W | 49,0 Ω | 5703466145401 |
| 088L0069 | 130 m | 1170 W | 45,2 Ω | 5703466145418 |
| 088L0070 | 140 m | 1260 W | 42,0 Ω | 5703466145425 |
| 088L0071 | 150 m | 1350 W | 39,2 Ω | 5703466145432 |