

DEVIhotwatt™ 45 (B), DEVIhotwatt™ 55 (B), DEVIhotwatt™ 70 (B)

The DEVIhotwatt™ is a self-limiting heating cable that is used for temperature maintenance of hot water supply and other fluids that need to maintain a certain temperature.

The self-limiting capability of the cable ensures that the output of the cable increase or decrease according to ambient temperature.

DEVIhotwatt™ ensures hot water in all taps and savings when circulation of the whole pipe system is unnecessary.

Benefits:

- Cut to length on site
- Black version is UV protected
- PVC free

Approvals:



| Type | Value |
|--|--|
| Operation voltage | 230 V AC |
| Nominal output: DEVIhotwatt™ 45 DEVIhotwatt™ 55 DEVIhotwatt™ 70 | 7 W/m @ 45 °C 9 W/m @ 55 °C 12 W/m @ 70 °C |
| Outer sheath: DEVIhotwatt™ 45 DEVIhotwatt™ 55 DEVIhotwatt™ 70 | Black, TPE Green, TPE Red, TPE |
| Maximum permissible use temperature | 80 °C, powered 100 °C, unpowered |
| Minimum use temperature | - 30 °C |
| Cable dimensions | 11,8 mm × 5,8 mm |
| Minimum braid coverage | 70% |
| Maximum resistance protective braid | 18,2 Ω/Km |
| Bending Ø, min. | 50 mm (Ø to the inside of the tape) |
| Max. installation length - with 10 A circuit breaker | 55 m |

Types DEVIhotwatt™ 45

| Item no. | Type | Length | Tolerance | EAN no. |
|----------|-----------------|---------------|-----------|---------------|
| 98300955 | DEVIhotwatt™ 45 | Drum, 270 m | 270-330 m | 5703466109144 |
| 98300718 | DEVIhotwatt™ 45 | Cut-to-length | 1 m | 5703466195925 |

Types DEVIhotwatt™ 55

| Item no. | Type | Length | Tolerance | EAN no. |
|----------|-----------------|---------------|-----------|---------------|
| 98300958 | DEVIhotwatt™ 55 | Drum, 100 m | - | 5703466177204 |
| 98300957 | DEVIhotwatt™ 55 | Drum, 270 m | 270-330 m | 5703435005613 |
| 98300956 | DEVIhotwatt™ 55 | Cut-to-length | 1 m | 5703466193389 |
| 140F1145 | DEVIhotwatt™ 55 | 9 m | - | 5703466240489 |
| 140F1146 | DEVIhotwatt™ 55 | 25 m | - | 5703466240496 |
| 140F1147 | DEVIhotwatt™ 55 | 30 m | - | 5703466240502 |
| 140F1148 | DEVIhotwatt™ 55 | 55 m | - | 5703466240519 |
| 140F1149 | DEVIhotwatt™ 55 | 70 m | - | 5703466240526 |

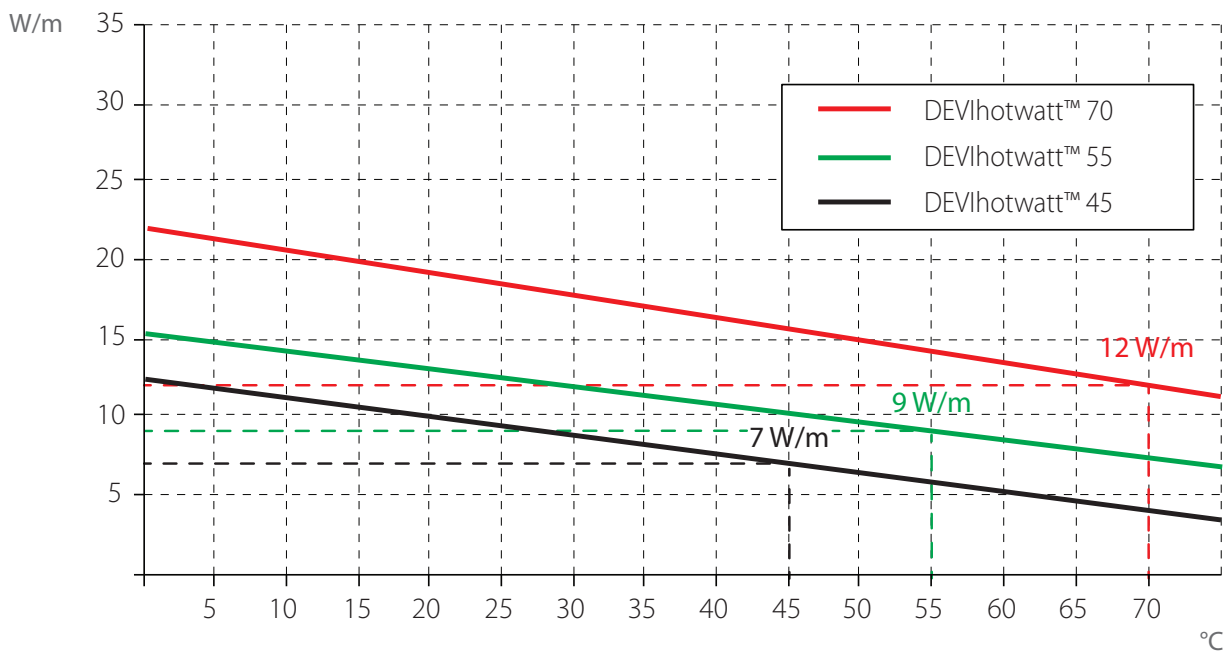
Types DEVIhotwatt™ 70

| Item no. | Type | Length | Tolerance | EAN no. |
|----------|-----------------|---------------|-----------|---------------|
| 98300959 | DEVIhotwatt™ 70 | 270 m, drum | 270-330 m | 5703466109151 |
| 98300964 | DEVIhotwatt™ 70 | Cut-to-length | 1 m | 5703466193396 |

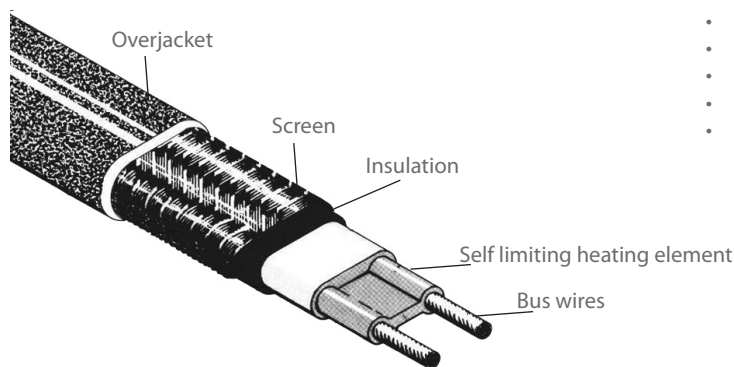
DEVIhotwatt™ heating cable maximum length

| Temperature | DEVIhotwatt™ 45 | | | | DEVIhotwatt™ 55 | | | | DEVIhotwatt™ 70 | | | |
|-------------|-----------------|-------|-------|-------|-----------------|-------|-------|-------|-----------------|-------|-------|-------|
| | 16 A | 20 A | 25 A | 32 A | 16 A | 20 A | 25 A | 32 A | 16 A | 20 A | 25 A | 32 A |
| 10 °C | 165 m | 189 m | 189 m | 189 m | 135 m | 160 m | 160 m | 160 m | 120 m | 140 m | 140 m | 140 m |
| -25 °C | 117 m | 152 m | 170 m | 189 m | 100 m | 130 m | 145 m | 160 m | 88 m | 120 m | 130 m | 140 m |

DEVIhotwatt™ cable heat emissions



Construction



- Nickel plated copper bus wires
- Radiation Cross-Linked Semiconductive Heating Matrix
- Radiation Cross-Linked Primary Dielectric Insulation
- Tinned copper braid
- Polyolefin over jacket