


## 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. All self-limiting heating cables must be over-temperature protected by a thermostat, as the output will decrease, but never be zero, and be protected by a RCD with a maximum trip current of 30 mA.

The cable is not approved for use in drinking water.

Benefits:	Type	Value
<ul style="list-style-type: none"> <li>• Cut to length on site</li> <li>• Black version is UV protected</li> <li>• PVC free</li> </ul>	Nominal voltage	230 V AC
	Nominal output (min-max) :	
	DEVIhotwatt™ 45 DEVIhotwatt™ 55 DEVIhotwatt™ 70	7 W/m @ 45 °C (6,5-9,5 W/m @ 45 °C) 9 W/m @ 55 °C (8,5-13,0 W/m @ 55 °C) 12 W/m @ 70 °C (11,3-15,2 W/m @ 70 °C)
<b>Standard compliance:</b> <ul style="list-style-type: none"> <li>• DIN VDE 0254: 1994-06</li> </ul>	Outer sheath:	
	DEVIhotwatt™ 45 DEVIhotwatt™ 55 DEVIhotwatt™ 70	Black, TPE Green, TPE Red, TPE
	Maximum permissible use temperature	80 °C, powered 100 °C, unpowered
<b>Approvals:</b> 	Minimum installation temperature	-5 °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)
	IP Class	IPX7

### Types DEVIhotwatt™ 45

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300955	DEVIhotwatt™ 45	Drum, 270 m	270-330 m	1	5703466109144
98300718	DEVIhotwatt™ 45	Cut-to-length	-	-	5703466195925

### Types DEVIhotwatt™ 55

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300958	DEVIhotwatt™ 55	Drum, 100 m	100 m	1	5703466177204
98300957	DEVIhotwatt™ 55	Drum, 270 m	270-330 m	1	5703435005613
98300956	DEVIhotwatt™ 55	Cut-to-length	-	-	5703466193389

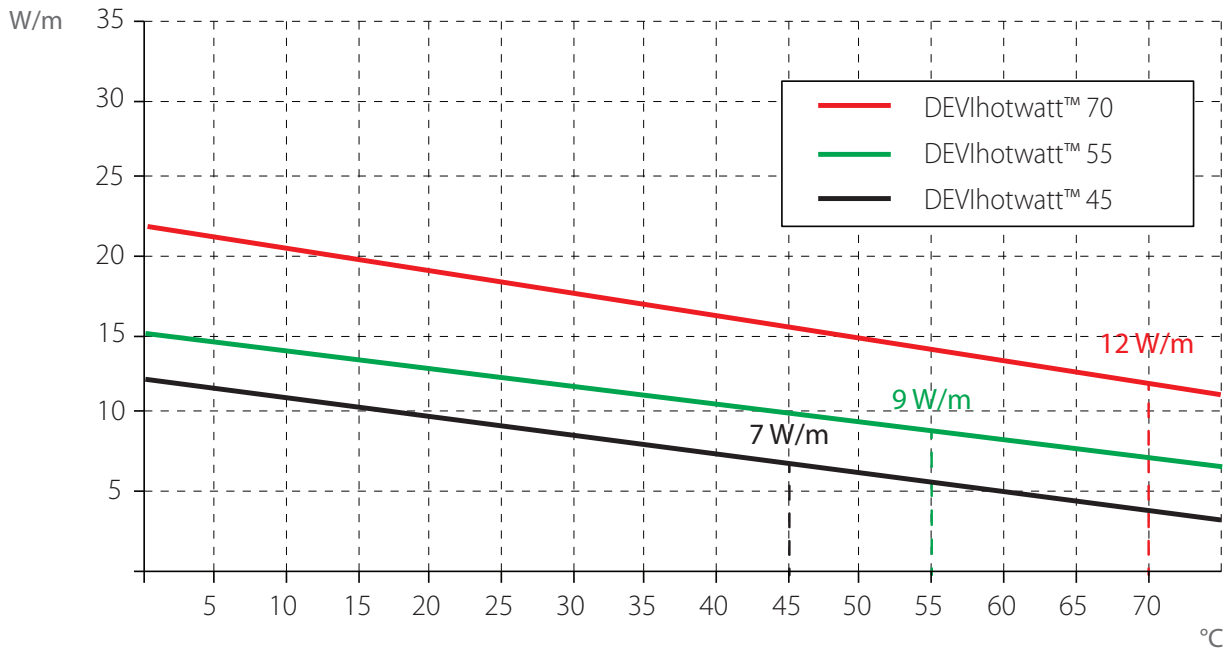
### Types DEVIhotwatt™ 70

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300959	DEVIhotwatt™ 70	270 m, drum	270-330 m	1	5703466109151
98300964	DEVIhotwatt™ 70	Cut-to-length	-	-	5703466193396

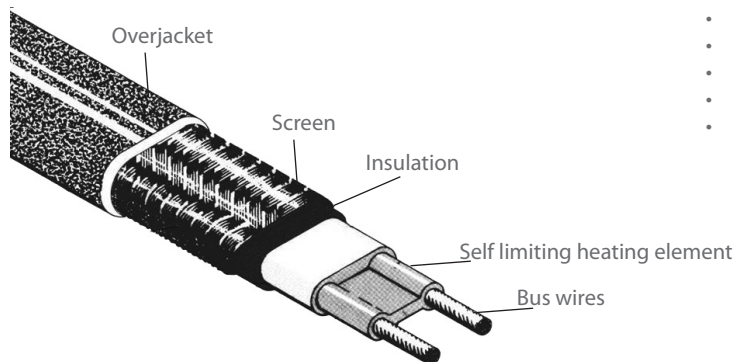
### Maximum heating circuit length on a pipe, with circuit breaker with C-characteristic

"Circuit breaker size"	6A				10A				16A				20A				25A				32A			
"start-up temperature", [°C]	-25	-10	+10	+20	-25	-10	+10	+20	-25	-10	+10	+20	-25	-10	+10	+20	-25	-10	+10	+20	-25	-10	+10	+20
DEVI-hotwatt 45	72	77	86	92	119	129	144	153	191	203	230	231	231	231	231	231	231	231	231	231	231	231	231	231
DEVI-Hotwatt 55	52	56	61	65	86	93	102	108	138	148	164	173	173	185	188	188	188	188	188	188	188	188	188	188
DEVI-Hotwatt 70	24	27	42	59	37	45	71	99	64	72	113	146	80	90	142	146	103	113	146	146	133	143	146	146

### DEVIhotwatt™ Output of heating cable



### Construction



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