



EChatwatt 45 (SLHW-45)

EChatwatt 55 (SLHW-55)


EChatwatt 70 (SLHW-70)

The EChatwatt 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.

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

Product specifications

Benefits <ul style="list-style-type: none"> • Cut to length on site • Black version is UV protected • PVC free Approvals:  Standard compliance <ul style="list-style-type: none"> • DIN VDE 0254: 1994-06 	Nominal voltage	230 V AC
	Nominal output (min-max): EChatwatt 45 (SLHW-45) EChatwatt 55 (SLHW-55) EChatwatt 70 (SLHW-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)
	Outer sheath: EChatwatt 45 (SLHW-45) EChatwatt 55 (SLHW-55) EChatwatt 70 (SLHW-70)	Black, TPE Green, TPE Red, TPE
	Maximum permissible use temperature	80 °C, powered 100 °C, unpowered
	Minimum installation temperature	-50 °C
	Cable dimensions	11,8 mm × 5,8 mm
	Minimum braid coverage	70%
	Maximum resistance protective braid	18,2 Ω/Km
	Bending diameter, min.	50 mm (Ø to the inside of the cable)
	IP Class	IPX7

EChatwatt 45 (SLHW-45)

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
088L1360	EChatwatt 45	Drum, 305 m	305 m	1	5703466114360
088L1088	EChatwatt 45	Cut-to-length	max 305 m	1	5703466196816

EChatwatt 55 (SLHW-55)

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
088L1362	EChatwatt 55	Drum, 305 m	305 m	1	5703466114377
088L1090	EChatwatt 55	Cut-to-length	max 305 m	1	5703466196878

EChatwatt 70 (SLHW-70)

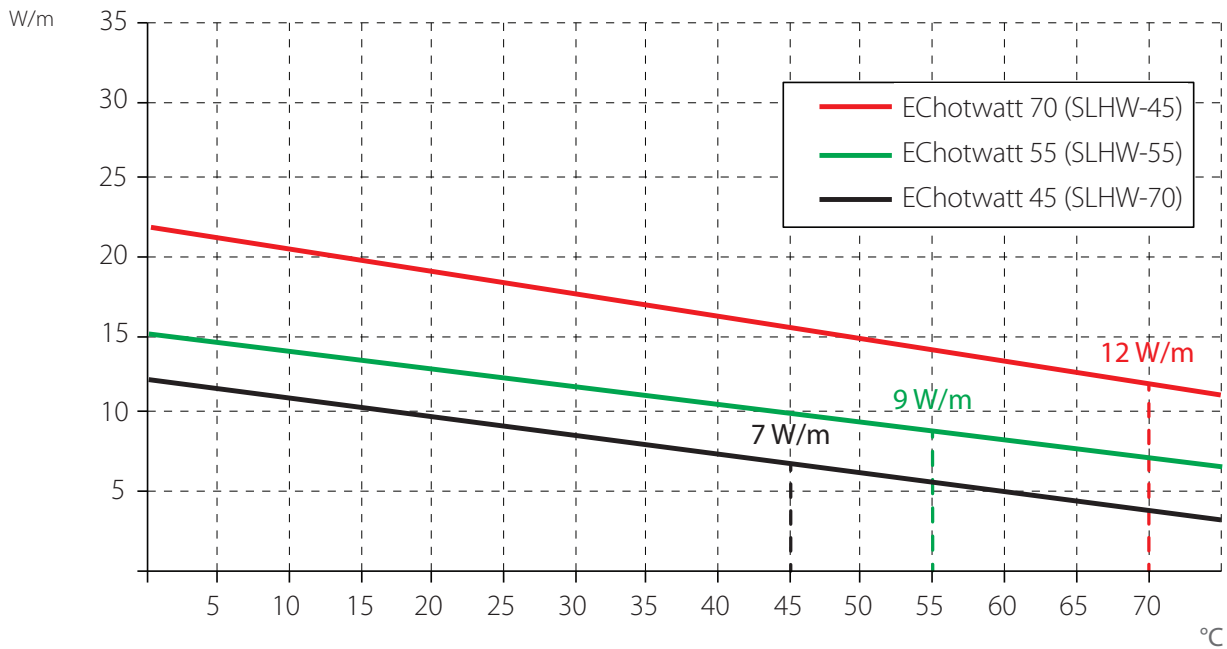
Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
088L1364	EChatwatt 70	Drum, 305 m	305 m	1	5703466114384
088L1092	EChatwatt 70	Cut-to-length	max 305 m	1	5703466196892

RCD of 30 mA is required, max. 500 m of self-limiting heating cable per RCD.

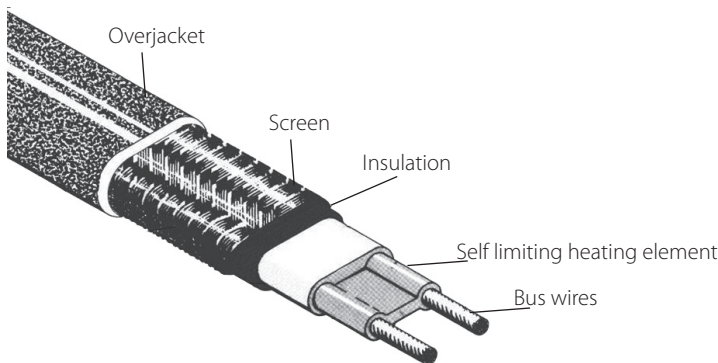
Maximum heating circuit length on a pipe, with circuit breaker with C-characteristic

Temperature	EChotwatt 45 (SLHW-45)				EChotwatt 55 (SLHW-55)				EChotwatt 70 (SLHW-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

Output of heating cable installed and measured on pipe



Construction



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