



SELF REGULATING HEATING CABLE LIGHT - TYPE HGLLe 65°C

HGLLe is a parallel self-regulating heating cable used for freeze protection and temperature maintenance of pipes, valves, flanges and tanks. Self-regulating heating cables increase or decrease the heat output depending on the change of ambient temperature. Because of this a thermostat is not always necessary, the heating cable will never over heat.

OPTIONS

HGLLe C

Tinned copper braids provide additional mechanical protection and a positive ground path

HGLLe CR

Flame retardant thermoplastic outer jacket protects against certain inorganic chemical solutions. It also protects against abrasion and impact damage

HGLLe CT

High temperature fluoropolymer outer jacket are used for exposure to organic or corrosive solutions or vapor may be present

TECHNICAL DATA

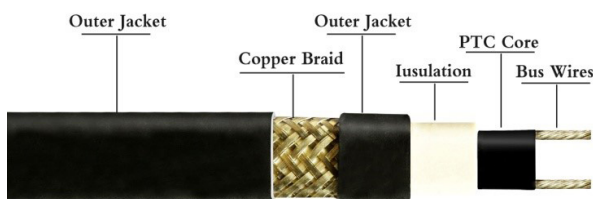
- Power supply: 208-277V
- Maximum continuous exposure temperature (power on): 65°C
- Maximum intermittent exposure temperature, 1000 hours (power on or off): 85°C
- Minimum installation temperature: -40°C
- Protective braid resistance: <math><18.2 \Omega/\text{km}</math>
- Bus wire gauge: 16 AWG

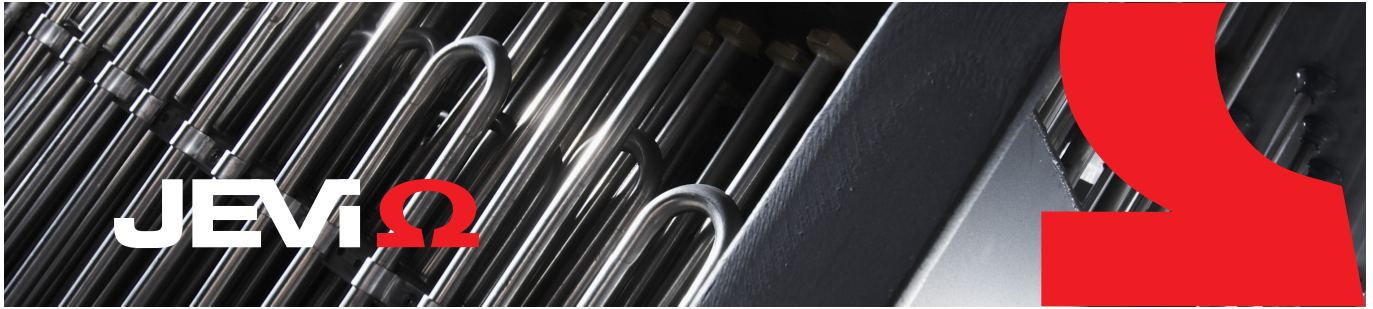
APPROVALS

- UL, IECEx, ATEX, EAC, CE

FEATURES

- Energy efficient, automatically varies its power output in response to pipe temperature changes
- Easy to install, can be cut to any length (up to max circuit length)
- Lower installation costs than steam tracing. Less maintenance costs and downtime
- No overheating or burnout even when overlapped
- Suitable for use in hazardous, non hazardous and corrosive environments



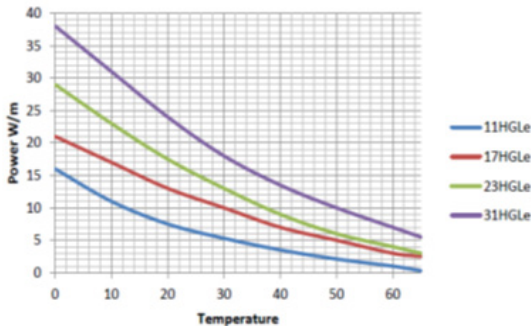


WEIGHT AND DIMENSION

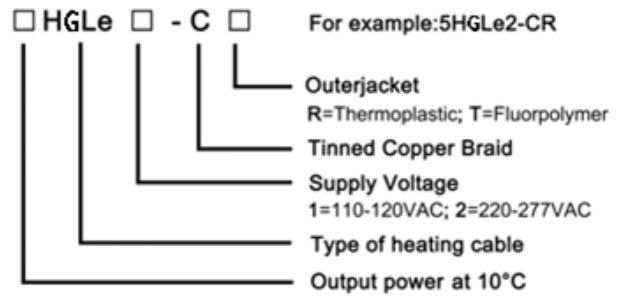
Type	Dimension	Minimum bending radius	Weight (kg/100m)
HGLe C	9,3x4,4mm	26mm	8,2
HGLe CR	10,9x6,0mm	36mm	11,0
HGLe CT	10,3x5,4mm	32mm	10,5

POWER OUTPUT CURVES

Nominal power output at 230V when HGLe installed on insulated metal pipes.



PRODUCT ORDERING INFORMATION



MAXIMUM LENGTH (M) VS CIRCUIT BREAKER SIZE

Minimum start-up temperature	CB size Amps	11HGLe 230V m	17HGLe 230V m	23HGLe 230V m	31HGLe 230V m
10°C	10	125	97	69	39
	16	200	155	110	62
	25	200	160	125	100
0°C	10	118	89	63	34
	16	190	130	100	55
	25	200	160	125	94
-10°C	10	103	75	53	30
	16	165	120	85	48
	25	200	160	120	90
-20°C	10	91	63	45	26
	16	145	100	72	42
	25	200	160	115	68