



- A Heating cable
- B Heating cable
- C Internal insulation fluoropolymer (PFA)
- D Aluminum casing + protective conductor
- E Irradiation cross-linked polyolefin outer insulation

TECHNICAL DATA

- > Voltage: 230, 400 V
- > Output: 30 W/m
- > Nominal temperature: Up to 105 °C
- > Min. installation temperature: - 5 °C
- > Min. bending radius: 5 d
- > Thickness of heating cable: 7 mm
- > IP rating: IP X7
- > Connection cable: 1 x 3 m; 3 x 1.5 (2.5) mm²
- > Certification: CE compliant

PRODUCT ADVANTAGES

- + Connection cable made to measure
- + Made to measure
- + Only one connection cable simplifies installation
- + Robust, impact-resistant heat-sealing band
- + Increased mechanical load capacity

SELECTION GUIDE

250 W/m² - for smaller private ramps, driveways, Terraces and walkways below 1,000 m above sea level.

300 W/m² - for public ramps, driveways and walkways, parking garages, landing areas, etc. below 1,000 m above sea level.

ETHERMA BRLH-30

Dipole heating loop for free laying



The BRLH heating loop is suitable for free laying, especially at curves, bends, and where laying geometry requires it. It can be laid in mastic asphalt, rolled asphalt, flowing concrete, monolithic concrete, in situ concrete, in sand and mortar beds, and under cobblestones. The dipole heating conductor has a very robust, impact-resistant outer insulation and thus withstands increased mechanical loads. Due to its UV resistance, the BRLH heating loop can be used both as a gutter heater for metal gutters (only with simple installation) or as a roof surface heater.

Nominal temperature for rolled asphalt: 180 °C/45 min
 Nominal temperature for mastic asphalt: 240 °C/35 min

Heating loop BRLH-302, 30 W/m, 230 V, IP X7

RG: C3 | LZ: 1 week

Type	Item no.	Output (W)	Heated area in m ² with laying distance			Length (m)	Price €
			7.5 cm; 400 W/m ²	10 cm; 300 W/m ²	15 cm; 200 W/m ²		
BRLH-302-7	35465	189	0.5	0.7	1.1	7	81.70
BRLH-302-12	35480	367	0.9	1.2	1.8	12	104.40
BRLH-302-17	35481	506	1.3	1.7	2.6	17	127.10
BRLH-302-25	35482	730	1.9	2.5	3.8	25	163.70
BRLH-302-30	35483	882	2.2	2.9	4.5	30	182.20
BRLH-302-42	35484	1260	3.2	4.2	6.3	42	241.40
BRLH-302-56	35485	1657	4.1	5.5	8.4	56	300.60
BRLH-302-70	35486	2099	5.3	7.0	10.5	70	369.00
BRLH-302-99	35487	2969	7.4	9.9	14.9	99	501.30

Heating loop, BRLH-303, 30 W/m, 400 V, IP X7

RG: C3 | LZ: 1 week

Type	Item no.	Output (W)	Heated area in m ² with laying distance			Length (m)	Price €
			7.5 cm; 400 W/m ²	10 cm; 300 W/m ²	15 cm; 200 W/m ²		
BRLH-303-12	36071	333	0.9	1.2	1.8	12	104.40
BRLH-303-21	36072	635	1.6	2.1	3.2	21	145.60
BRLH-303-29	36073	897	2.2	2.9	4.4	29	182.20
BRLH-303-43	36074	1283	3.2	4.3	6.5	43	245.90
BRLH-303-51	36075	1569	3.8	5.1	7.7	51	282.50
BRLH-303-72	36076	2222	5.4	7.2	10.8	72	378.20
BRLH-303-96	36077	2924	7.2	9.6	14.4	96	487.80
BRLH-303-122	36078	3643	9.2	12.2	18.3	122	606.30
BRLH-303-172	36079	5168	12.9	17.2	25.8	172	834.70

ETHERMA TIP:

Accessories for the heating mats can be found on page 69. Controls can be found from page 94.