

**HEM-SYSTEM®**  
**HEATING SOLUTIONS FOR SPORTS AREAS**



# HEATING CABLE FOR GRASS AREAS IN STADIUMS AND SPORTS GROUNDS

For all-year use

## Soil heating with Hemstedt cables

The management and people responsible for sports grounds such as football stadiums or golf courses are increasingly using soil heating systems.

The hard frozen ground is thawed, melting any snow covering and lengthening grass growth. Sporting activities can thus take place all year round, the season lengthened, as well as ensuring that the ground is dried out faster after heavy precipitation. The risk of injury to players is also considerably reduced.

Compared to warm water heating systems, electrical soil heating systems offer considerable benefits such as lower investment and running costs, faster operation and greater efficiency. Hemstedt® heating cables are optimally designed for these demanding requirements. They can be used for heating any grass area.

Depending on the heating requirement, cables with a 15 – 20 Watt/m output for 230 V or 400 V are available that are designed for the toughest weather conditions.



Technical data	
Rated voltage.....	400 V
Cold connection cable .....	z.B. 2 x 30 m (2.50 mm <sup>2</sup> )
Minimum installation temperature.....	5 °C
Smallest bending radius.....	6 x dA

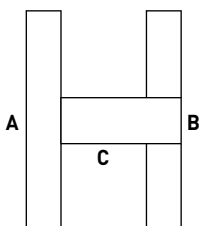
Element length of e.g. approx. 200 m is also available with cold connection cable and splice.

**Heating cables for lawns in stadiums and sports facilities**  
On request



The following items can be ordered as well:

Order no.	Description	Quantity/dimensions
20021	Wood coil	500 x 200 x 280
00002	Sleeve	2 per coil
88002-2.5	Low-voltage connection	2.5 mm <sup>2</sup>
00002	Pallet	1P./ 2 coils



A	B	C	Order no.
500 mm	200 mm	280 mm	20021

All prices on request.

**HEATING CABLE DRUM  
FOR SELF ASSEMBLY**



# HEATING CABLE DRUM FOR SELF ASSEMBLY

DIN EN/IEC 60800

## Simple heating cable (double-end connection cable) as drumware



### Application

Ideal for melting ice and snow in outdoor areas as well as for installation in concrete, for installation along water pipes and as gutter heating.

### Aufbau

- Heating cable, braid
- XLPE insulation
- Tinned protection line
- Aluminium protection
- PVC cover
- Outer diameter approx. 6.5 mm



### Technical data

Nominal temperature .....	65 °C
<b>Fixed resistance heating cable</b>	
Smallest bending radius .....	5 x dA
Resistance tolerance .....	-5 / +10 %
Max. rated voltage .....	300 / 500 V

### Standardtypes approx. 10 W/m – 230 V

Order no.	Length m	Watt/m	Heating output/ W	Voltage/ V	RE Ohm/m	Braid
65406-12.700	20.40	10.01	204.18	230	12.700	coiled
65406-8.000	25.70	10.01	257.30	230	8.000	8.000
65406-5.480	31.00	10.05	311.40	230	5.480	5.480
65406-3.590	38.40	9.99	383.73	230	3.590	3.590
65406-2.480	46.20	9.99	461.70	230	2.480	2.480
65406-1.390	61.70	10.00	616.82	230	1.390	1.390
65406-1.000	72.70	10.01	727.65	230	1.000	1.000
65406-0.700	86.90	10.01	869.64	230	0.700	0.700
65406-0.480	105.00	10.00	1049.60	230	0.480	0.480
65406-0.400	115.00	10.00	1150.00	230	0.400	0.400
65406-0.300	132.80	10.00	1327.81	230	0.300	0.300
65406-0.250	145.50	10.00	1454.30	230	0.250	0.250
65406-0.200	162.50	10.02	1627.69	230	0.200	0.200
65406-0.140	194.50	9.99	1942.71	230	0.140	0.140

### Standardtypes approx. 17 W/m – 230 V

Order no.	Length m	Watt/m	Heating output/ W	Voltage/ V	RE Ohm/m	Braid
65406-12.700	15.60	17.12	267.01	230	12.700	coiled
65406-8.000	19.70	17.04	335.66	230	8.000	8.000
65406-5.480	23.80	17.04	405.60	230	5.480	5.480
65406-3.590	29.40	17.05	501.20	230	3.590	3.590
65406-2.480	35.40	17.02	602.56	230	2.480	2.480
65406-1.390	47.30	17.01	804.60	230	1.390	1.390
65406-1.000	55.80	16.99	948.03	230	1.000	1.000
65406-0.700	66.70	16.99	1133.00	230	0.700	0.700
65406-0.480	80.50	17.01	1369.05	230	0.480	0.480
65406-0.400	88.20	17.00	1499.43	230	0.400	0.400
65406-0.300	101.80	17.02	1732.15	230	0.300	0.300
65406-0.250	111.50	17.02	1897.76	230	0.250	0.250
65406-0.200	124.70	17.01	2121.09	230	0.200	0.200
65406-0.140	149.00	17.02	2535.95	230	0.140	0.140
65406-0.080	197.00	17.04	3356.60	230	0.080	0.080
65406-0.065	218.80	17.00	3719.59	230	0.065	0.065
65406-0.050	249.00	17.06	4249.00	230	0.050	0.050
65406-0.025	352.00	17.08	6011.36	230	0.025	0.025

### Accessories

Article designation	Order no.
Wood coil (flange 800 mm / 320 mm core / length 600 mm)	20031
Pallet	00002

