



ESO 90 H

Heating mat for the SAT antennas CAS
90xx

Order no.: 237500001



Flexible special heating mat with integrated thermal insulation and PTFE-insulated heating elements for satellite antenna CAS 90

- Good heat distribution due to an optimal fit of the heating mat on the reflector
- Element carrier made of aluminum foil, front side with self-adhesive foil strips
- Thermal insulation made of bubble wrap with reflective layer, 4 mm
- Built-in sensor to additionally define the heating temperature via a controller
- Operation possible without control
- Operation possible with the following controllers: ESO 005, ESO 96 S, ESO 97 S, ESO 97 SL

Status 08/2023

Technische Daten / Technical Data:

Type:	ESO 90 H
Order no:	237500001
Suitable for satellite antenna:	CAS 90xx
Zul. Ambient temperature:	-40 to +80 °C
Heating power:	345 W
Complies with the standards:	EN 61000-6-1, EN 61000-6-3, EN 1010-1, EN 60519-1, EN 60519-2
Rated current:	1.5 A
Insulation resistance:	> 20 MΩ
Nominal temperature (frost protection):	+3 °C
Temperature protection:	80 °C opener
Structure and execution according to:	DIN VDE 0100, DIN EN 60519-1, VDE 0721-1 DIN EN 50173-4, VDE 0800-173-4
Operating voltage:	230 +6 %/-10 %; 50 – 60 Hz V
Lifetime:	min. 10 years
Protection class:	IP 65
Dielectric Strength:	2.5 kV
Rated power:	approx. 500 W/m ²
Recommended mounting temperature:	+15 to +30 °C
Rated voltage:	230 V
Weight:	approx. 1,6 kg

Lieferumfang:

- 1 x heating mat with 3 m cable (H05RNF) and heating temperature sensor
- Aluminum foil, mesh reinforced, 0.05 x 5 m
- Adhesive foil white for cover aluminum foil, 0.075 x 5 m
- 5 x cable tie, 360 mm

Downloads

- [ESO 90 H - Produktdatenblatt \(Version: 08/2023 - Größe: 77.31 KB\)](#)
- [ESO 90 H/120 H/124 H/124 HL - User Manual \(Version: 1 - Größe: 96.01 KB\)](#)
- [ESO 90 H/120 H/124 H/124 HL - Bedienungsanleitung \(Version: 1 - Größe: 103.88 KB\)](#)



Produkt Galerie:

