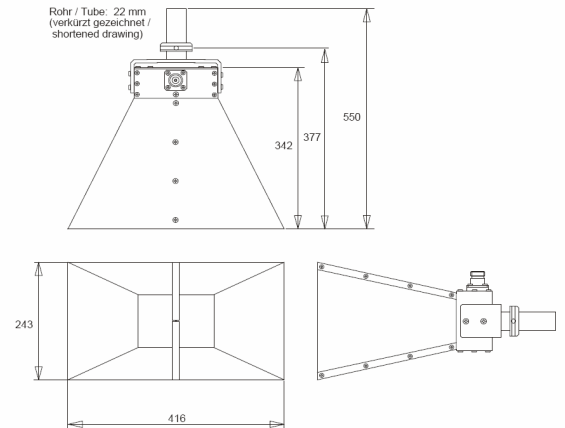


Standard Gain Horn Antenna type MTA-SGH-1626

Item no. 34502

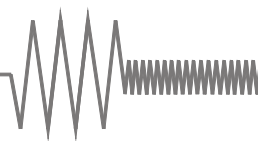
Short description

The broadband horn antenna offers a very low SWR in their nominal frequency range and a very broad bandwidth. The gain increases with frequency up to approx. 14 dBi. The increasing gain with frequency helps to compensate cable losses. The max. allowed input power is only limited by the female N-connector. The detailed manual of the calibrated test antennas includes gain, antenna factor, SWR and directional patterns.



Characteristics

- ▶ Double ridged broadband horn antenna
- ▶ Wide bandwidth 0,5 – 2,8 GHz
- ▶ Mounted with a 22 mm tube, equipped with an index ring for quick changes of polarisation without using tools
- ▶ Suitable for both, transmission and receiving applications



Standard Gain Horn Antenna type MTA-SGH-1626

Item no. 34502

Technical datas

Electrical specifications:

Frequency range:	0.5 – 2.8 GHz
Gain:	5 – 14 dBi
Antenna factor:	19 – 26 dB/m
VSWR typ.:	<2
Max. input power:	300 W (limited only by N-connector)

Delivery package:

- detailed manual

Comments:

Warranty: 12 months

Recommended accessories:

- measurement cable assembl.
- preamplifier

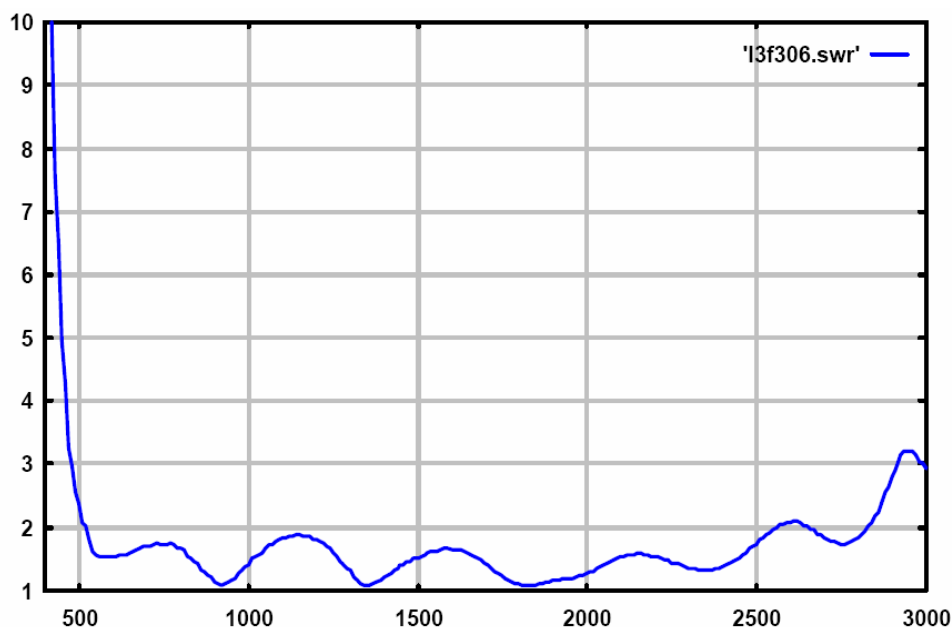
Connectors:

RF-connectors: N female

Mechanical specifications:

Dimensions:	(W x H X D)
416 x 240 x 550 mm	
22 mm Tube:	22 x 200 mm
Weight:	3,8 kg
Material:	Aluminium

Diagram SWR:



Insertion of an attenuator is advisable if the equipment presents a high internal SWR (e.g. in the 0 dB position of an internal step attenuator. In this case the attenuation must be added to the antenna factor (dB/m) or subtracted from the gain (dBi, dBd.)