

SL-1296

Slot Antenna L-Band – 23cm Horizontally Polarized Omnidirectional Antenna



SL-1296 Slot antenna 1296MHz:

General:

The slotted waveguide has achieved most of its success when used in an omnidirectional role. It is the simplest way to get a real 10dB gain over 360 degrees of beam width

The Slotted waveguide antenna is a Horizontally Polarized type antenna, light in weight and weather proof. 3 Tuning screws are placed for tweaking the SWR and can be used to adjust the center frequency.

The structure of this antenna is based on **WR650** Waveguide Rectangular and perfect in resonance.

Antenna is full made of aluminum, sealed top and bottom plate and mast mount of galvanized steel and nuts of stainless steel.

Your specifications:

The antenna is tuned regarding your specifications. You can also tune it by yourself by turning the screws in or out. But... screws are sealed, this means, de-tuning the antenna will result in valid guarantee ! (You will need a (Scalar) Network analyzer to tune)

Supplied mounting hardware:

- ✓ 4 pcs Mast mounting bracket, max 52mm pole
- ✓ 4 pcs Stainless steel struts
- ✓ 12 pcs Stainless steel Nut M8
- ✓ 8 pcs Stainless steel washer M8

Specifications SL-1296 Slot Antenna

Gain	9.9 dB
Weight	7.8 Kg (incl mast mount bracket)
Dimensions (L x W)	190 cm x 19,5 cm
Connector	N-Connector Female
Max. RF power	1000 Watts
Return loss	>30 dB (typ. 34dB)
impedance	50 ohm
Mast clamp	48.....54mm
CNC Milled Aluminum Material	AW-5083 H111



Typical Measurement
SL-1296 Slot antenna

