

Features

- **Standard Gain Horn Antenna for EMC /EMI Testing & Tx / Rx applications**
- **Frequency Range: 12.4 to 18 GHz**
- **Impedance - 50Ω (Nominal)**
- **VSWR (<2)**
- **One-year standard warranty.**
- **Dimensions (180 x 90 x 58 mm)**



Description

The ANSGH-124-18G is a linearly polarized standard pyramidal horn antenna. The antenna is designed to operate over the frequency range of 12.4 to 18 GHz with a VSWR better than 2:1.

The antenna is engineered to be durable and rugged. It is manufactured with WR-62 input waveguide and uses a waveguide to co-axial adaptor.

The antenna has a gain of 19.5dBi and can handle high power with low loss with high directivity. The antenna uses a N connector for external interface. The waveguide – coax adaptor can be removed for higher input power / field generation.

Specifications*

Model	ANSGH-12.4-18G
Frequency Range	12.4 to 18 GHz
Gain	19.5 dBi Typical
Antenna Factor	34 dB/m Typical
Max Continuous Power	30 W 200 W (without W/G to Coax Adaptor)
Polarisation	Linear
Half Power Beamwidth	H : 19° V : 18.5°
Weight	500g
Impedance	50 Ohm
Connector Type	N
Environmental	-20°C to +40°C
Mounting	As per requirement
Applications	Radiated Emission, Immunity, SE, Site Surveys

* Nominal values, subject to change without notice.

Calibration

17025 accredited calibrations can be provided on request.

Related Products

MAS_FG_03

Modular telescopic non reflective fibre glass mast



