

Features

- **Double Ridge Horn Antenna for EMC /EMI Testing & Tx / Rx applications**
- **Frequency Range : 4 – 40 GHz**
- **Impedance - 50Ω (Nominal)**
- **VSWR (Max 2.3)**
- **Individual calibration as per ANSI 63.5/ SAE ARP 958**
- **One year standard warranty.**
- **Gain 3.5-14dBi (Typical)**
- **Dimensions (75x50x40mm)**



Description

The ANDRH-1840 is a linearly polarized double ridged waveguide horn antenna. The antenna is designed to operate over the frequency range of 4 GHz-40 GHz with a VSWR better than 2.3.

The antenna is engineered to be durable and rugged. It is useful in both indoor and outdoor applications. Typical applications include EMC (radiated emissions and immunity), shielding effectiveness, interference monitoring, site surveys and other general Tx / Rx purposes.

The antenna is available with SMA Type 2.9/2.4mm connector. The antenna can be mounted using a screw/thread arrangement, compatible with most EMC masts. Threaded mounting adaptors are also available optionally. Threaded mounting adaptors are also available optionally.

Specifications*

Model	ANDRH-440G
Frequency Range	4 – 40 GHz
Antenna Factor	25 to 38 dB/m
Max Continuous Power	5 W
Polarisation	Linear
Weight	100g
Size	80x55x40mm
Connector Type	SMA 2.9/2.4mm
Environmental	-20°C to +40°C
Mounting	Screw, thread arrangement
Applications	Radiated Emission/ SE, Site Surveys

* Nominal values, subject to change without notice.

Calibration

Each antenna is individually calibrated (traceable) at an Open Area Test Site as per ANSI 63.5 or SAE ARP 958.

Related Products

MAS_FG_03

Modular telescopic non reflective fibre glass mast