

## 2.MEASUREMENT PROBES

At SATIMO, we design our antennas with outstanding performance in mind. It begins with a careful design process, alternating simulation and measurements. It extends to the use of the most advanced machining techniques and quality materials to achieve tight mechanical tolerances.

That's why all our antenna characteristics are outstanding. And that's why we can guarantee the best electrical performance/operational bandwidth trade-off.

**No competitor matches this level of excellence.**

### FUNCTION

- High precision antenna measurements
- Planar and spherical near-field measurements
- Far-field measurements
- Compact range feeds
- RCS measurements

### FEATURES

- Excellent polarization purity
- Wide bandwidth
- Excellent isolation

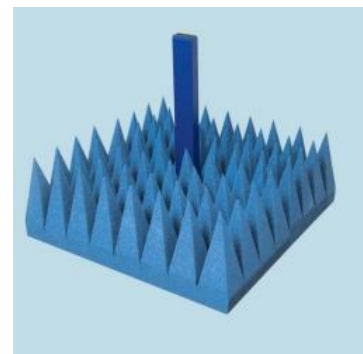
### ANTENNAS

#### **OPEN-ENDED WAVEGUIDES**

The open-ended waveguide is used as a near-field probe for calibration and polarization reference.

For more details visit:

<http://www.satimo.com/content/products/open-ended-waveguide>

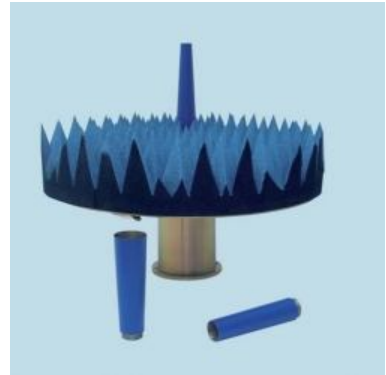


## DUAL POLARISED OPEN ENDED-WAVEGUIDES

The open-ended waveguide can be used for near-field and far-field measurement and for calibration and polarization reference.

For more details visit:

<http://www.satimo.com/content/products/dual-polarized-oew>



## DUAL POLARISED PROBES

Dual polarized probes are used as measurement probes for spherical and planar near-field and for far-field systems.

For more details visit:

<http://www.satimo.com/content/products/dual-polarized-probes>



## COMPACT RANGE FEED HORNS

Compact Range feed horns are used for illumination source, direct range illumination or field probing and as illumination of communication reflector antennas.

For more details visit:

<http://www.satimo.com/content/products/compact-range-feed-horns>

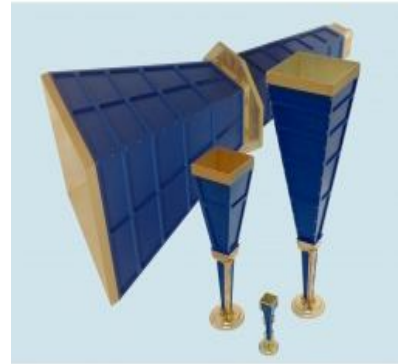


## DIAGONAL HORNS

Diagonal feed horns are used for illumination of anechoic chambers, for quasi-monostatic Radar Cross Section measurements and for wideband probe for far-field test ranges.

For more details visit:

<http://www.satimo.com/content/products/diagonal-horns>



## DUAL POLARISATION FEED ANTENNAS

Dual polarization feed antennas are used to illuminate chambers, as Compact Range feeds, for RCS and outdoor antenna measurements and for material measurements.

For more details visit:

<http://www.satimo.com/content/products/dual-polarization-feed-antennas>



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