

UWB2

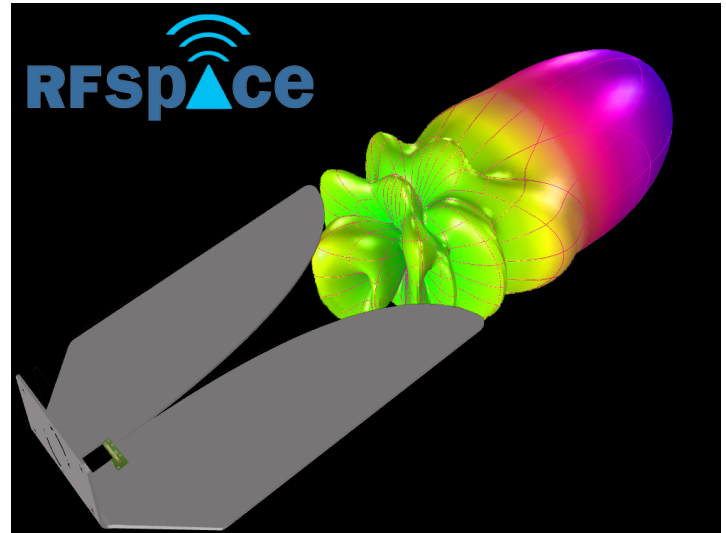
Ultra-Wideband Tapered Slot Antenna

Features:

- Broad frequency range of 600 MHz to 6 GHz+
- Linear polarized with excellent gain over entire range
- Low VSWR over full range with no resonances
- Clean impulse response
- Individually calibrated
- Size: 380 x 200 mm
- Low cost
- SMA output connector
- Adjustable polarization
- 50 Watt CW

Applications:

- Ground Penetrating Radars (GPR)
- Radio communications LTE,WIMAX,WIFI,PCS,UWB,GSM,HDTV,IoT
- Signals and communications Intelligence (SIGINT, COMINT, ELINT)
- Pulse Radar
- Broadband Software Defined Radio (SDR) Antenna
- EMC testing
- Spectrum analysis
- Direction finding



Description:

The RFSPACE UWB2 is an aluminum, wideband antenna optimized for high gain, low VSWR and broadband response. The matching network has been optimized for best VSWR and a clean impulse response. Every UWB2 antenna is individually tested. The antenna ships with the actual plot of the VSWR curve up to 6 GHz. The UWB is ideal as a wideband transmit or receive antenna for today's wireless communications.

Specifications:

Gain: 10dBi @ 2.4 GHz
12dBi @ 4.0 GHz
13dBi @ 6.0 GHz

VSWR: 1000 MHz - 6000 MHz <2.0:1 Typ.
600 MHz - 1000 MHz <2.75:1 Typ

Power Handling: 50 Watts

Aperture width: 200 mm

Length: 460 mm

Weight: 3 lbs

Connector: 50Ω SMA right angle

Mounting: 1.50 inch ID u-bolt

MSPR: \$149 Qty 1-5

