

UWB1

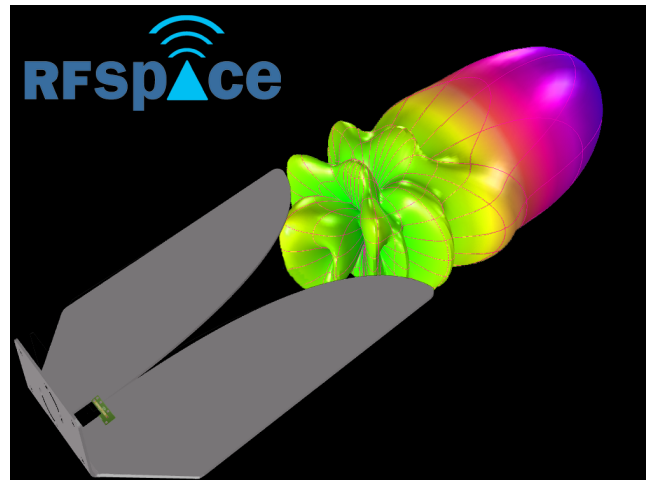
Ultra-Wideband Tapered Slot Antenna

Features:

- Broad frequency range of 430 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: 460 x 330 mm
- Low cost
- SMA output connector
- 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 UWB1 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 UWB1 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: 9dBi midband
VSWR: 700 MHz - 6000 MHz 2.0:1 Typ.
430 MHz - 700 MHz 2.5:1 Typ
Power Handling: 50 Watts
Aperture width: 330 mm
Length: 460 mm
Weight: 2 lbs
Connector: 50Ω SMA right angle
Mounting: 1.5 inch u-bolt
MSPR: \$349 QTY 1

