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





