UWB3

Ultra-Wideband Tapered Slot Antenna

675 - 12000 MHz

Features:

• Broad frequency range of 675 MHz to 12+ GHz
• Linear polarized with excellent gain over entire range
• Low VSWR over full range with no resonances
• Clean impulse response
• Individually calibrated
• Size: 360 x 165 mm
• Low cost, all Aluminum construction
• Gold plated, right angle SMA 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 UWB3 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 UWB3 antenna is individually tested and tuned. The UWB3 is ideal as a wideband transmit or receive antenna for today’s wireless communications.

Specifications:

Gain: 11dBi @ 2.4 GHz
11dBi @ 4.0 GHz
12dBi @ 6.0 GHz
9 dBi @ 6.1 - 12 GHz

VSWR: 1000 MHz - 6000 MHz <1.75:1 Typical

Power Handling: 50 Watts

Aperture width: 165 mm
Length: 360 mm
Weight: 0.63 lbs
Connector: 50Ω SMA
Mounting: 4 x 1.50-2.00 inch spaced holes for 1/4 inch bolts.

MSPR: $95 Qty 1-5

http://www.rfspace.com
Typical VSWR Plot

Antenna Test Lab Co.
Phone +1.919.200.0292
www.AntennaTestLab.com

Available from: