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