



X002GLHHZX
RFSPACE DIP700

DIP700

Ultra-Wideband PCB Dipole Antenna

Features:

- Broad frequency range of 700 MHz to 8 GHz+
- Linear polarized with excellent gain over entire range
- Low VSWR over full range with no resonances
- Clean impulse response
- Very low loss substrate
- Individually calibrated and tested
- Low cost
- SMA output connector
- 10 Watt CW

Applications:

- General purpose SDR antenna
- 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 DIP700 is a PCB, wideband antenna optimized for low VSWR and broadband response. The matching network has been optimized for best VSWR and a clean impulse response. Every DIP700 antenna is individually tested. The DIP700 is ideal as a wideband transmit or receive antenna for today's wireless communications

Specifications:

Gain: 1.8dBi @ 700 MHz
3.0dBi @ 2.4 GHz
4.5dBi @ 6.0 GHz

Beam width: Omni

VSWR: 2100 MHz - 8000 MHz <1.5:1 Typ.
700 MHz - 1100 MHz <2.0:1 Typ.

Power Handling: 10 Watts

Length: 230 mm

Weight: 0.3 lbs

Connector: 50Ω SMA edge mount

MSPR: \$39

