

External Antenna - Connector Mount

WTS – WLAN Tri-Band Small Diameter



WTS2450-RPSMA

Today's work and lifestyles require us to communicate anytime, anywhere whether on the move or sitting still. Bluetooth and 802.11 standards make wireless connections to computer networks and other devices possible, while at the same time enabling freedom of movement.

Laird Technologies' practical and rugged external wireless device antennas are designed to fit into the portable devices used in office, industrial and home environments. The antennas feature flexible elements and many are ½ wave coaxial dipole design for reduced ground dependence and improved performance.

FEATURES

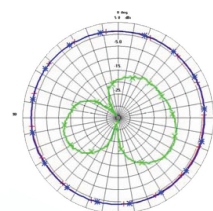
- Conformance to European RoHS Directive 2002/95/EC (with SMRP)
- Omnidirectional patterns at all frequencies with increased gain in upper bands for optimal coverage

MARKETS

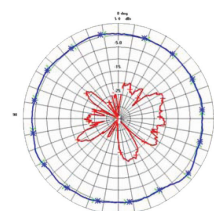
- Covers 2.4 to 2.5 GHz for 802.11b, and 4.9 to 6 GHz for 802.11a and all U.S., European, and Japanese WLAN applications

| PARAMETER | SPECIFICATION |
|-------------------|--|
| Frequency | 2.4 - 2.5 GHz 4.9 - 5.875 GHz |
| VSWR | 2:1 max across all bands |
| Polarization | Vertical, Omnidirectional |
| Gain | 2.0 dBi (2.45 GHz) 3.0 dBi (4.9 GHz) 3.7 dBi (5.25 GHz) 3.6 dBi (5.875 GHz) |
| Nominal Impedance | 50 ohms |
| Size | 95.9 mm (180° straight) or 75.4 mm (90° bent) x 9.3 mm diameter |

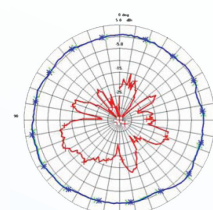
| CABLE & CONNECTOR | | |
|-------------------|----------|-----------|
| MODEL# | PART# | CONNECTOR |
| WTS2450-RPSMA | MAF94051 | IPEX MHF |



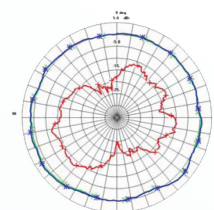
AZIMUTH
2.45 GHz



AZIMUTH
4.9 GHz



AZIMUTH
5.25 GHz



AZIMUTH
5.875 GHz

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