Laird TECHNOLOGIES®

Innovative **Technology** for a **Connected** World

External Wireless Device Antenna

WTBR – WLAN Tri-Band Blade

WTBR2450

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

- Snap-in/Captive
- 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 - 6.0 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	4.6" (180° straight or 4" (90° bent)

CABLE & CONNECTORS

MODEL#	PART#	ELBOW	CONNECTOR	CABLE
WTBR2450-IP04-F	MAF94007	Knuckle	IPEX MHF	100mm, Ø 1.13mm
WTBR2450-IP04-K	MAF94010	Fixed	IPEX MHF	100mm, Ø 1.13mm
WTBR2450-FL04-F	MAF94024	Knuckle	Flying lead	100mm RG-178
WTBR2450-FL04-K	MAF94026	Fixed	Flying lead	100mm RG-178

global solutions: local support™

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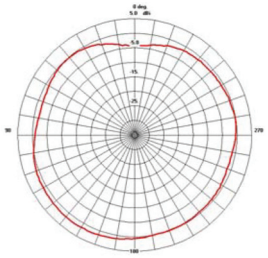
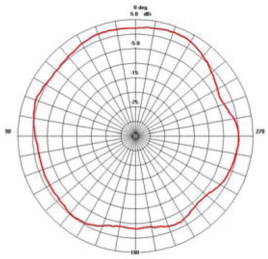
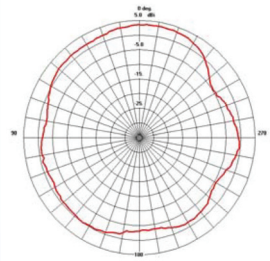


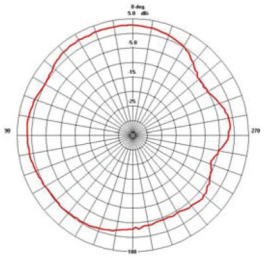
AZIMUTH
2.45 GHz



AZIMUTH
4.9 GHz



AZIMUTH
5.25 GHz



AZIMUTH
5.75 GHz

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