Laird TECHNOLOGIES®

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

External Wireless Device Antenna

WTBP – WLAN Tri-Band Blade

WTBP2450

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 0½ 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
Temperature Range	-40°C to +85°C
Size	4.6" (180° straight or 4" (90° bent)

CABLE & CONNECTORS

MODEL#	PART#	ELBOW	CONNECTOR	CABLE
WTBP2450-IP04-F	MAF94003	Fixed	IPEX MHF	100mm, Ø 1.13mm
WTBP2450-IP04-K	MAF94009	Knuckle	IPEX MHF	100mm, Ø 1.13mm
WTBP2450-FL04-F	MAF94023	Fixed	Flying lead	100mm RG-178
WTBP2450-FL04-K	MAF94025	Knuckle	Flying lead	100mm RG-178

global solutions: local support™

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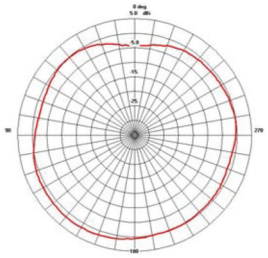
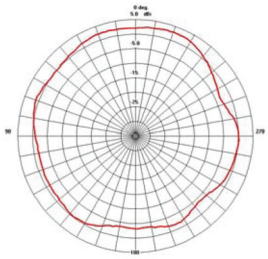
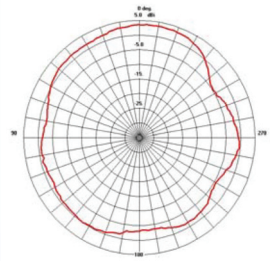


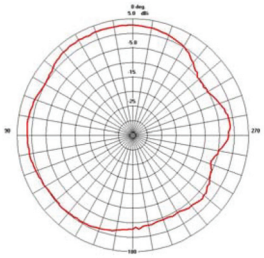
AZIMUTH
2.45 GHz



AZIMUTH
4.9 GHz



AZIMUTH
5.25 GHz



AZIMUTH
5.75 GHz

ANT-DS-WTBP 0809

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