

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

External Wireless Device Antenna

WTC – WLAN Tri-Band Cylindrical



WTC2450

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

- Fixed right-angle design for access points, gateways, and portable devices
- Coaxial cable pigtail with various connector choices
- 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	4.9" (180° straight or 4" (90° bent)	

CABLE & CONNECTORS				
MODEL#	PART#	ELBOW	CONNECTOR	CABLE
WTC2450-IP04-F	MAF940055	Fixed	IPEX MHF	100mm, Ø 1.13mm
WTC2450-IP04-K	MAF94006	Knuckle	IPEX MHF	100mm, Ø 1.13mm
WTC2450-FL04-F	MAF94022	Fixed	Flying lead	100mm RG-178
WTC450-FL04-K	MAF94021	Knuckle	Flying lead	100mm RG-178

global solutions: local support ™

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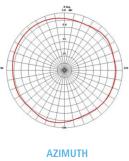
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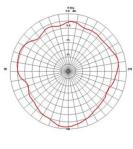
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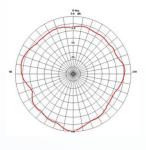
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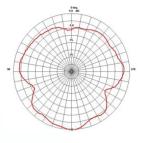
2.45 GHz



AZIMUTH 4.9 GHz



AZIMUTH 5.25 GHz



AZIMUTH 5.75 GHz

ANT-DS-WTC 0809