Laird TECHNOLOGIES®

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

DiPole ComAer 2.4: WCP

External Antenna – Snap-in/Captive

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 ✔RoHS

- Fits in .25" case up to .070" thick
- Alignment notches to prevent rotation
- Sub-miniature right angle coax connector
- 1/2 wave coaxial dipole
- Flexible element
- Snap-in
- Clutch allows 360° rotation
- FCC Part 15 compliant polarized connector

MARKETS

- Bluetooth® devices
- IEEE 802.11b/g devices

global solutions: local support™

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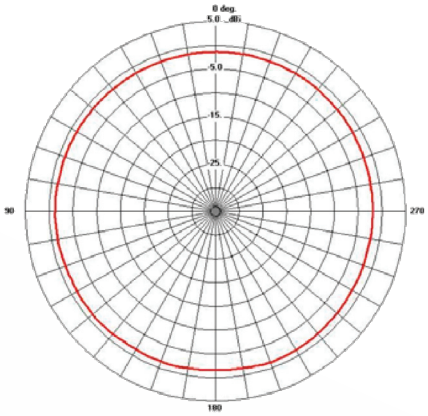
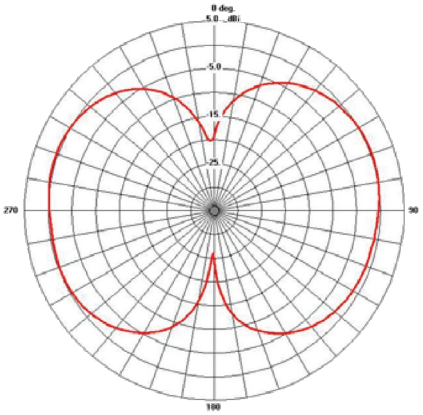
AZIMUTH PLANE
WCP2400MMCX



ELEVATION PLANE
WCP2400MMCX



SPECIFICATIONS	
Frequency	2.4 - 2.5 GHz
Polarization	Vertical
Gain	MMCX2 2.5 dBi MMCX4 2.5 dBi MMCX6 2.0 dBi MMCX8 1.5 dBi MMCX12 1.0 dBi
Nominal Impedance	50 ohms
VSWR	2.0:1 max at resonance
Power Rating	10 watts
Size (Length)	7cm
Temperature Range	-40° to +80°
Drop Test	1M

MODEL NUMBER	PART NUMBER	CABLE	CONNECTOR
WCP2400-MMCX2	CAF28841	2" Brown RG-178	MMCX plug R.A.
WCP2400-MMCX4	CAF28841	4" Brown RG-178	MMCX plug R.A.
WCP2400-MMCX6	CAF28841	6" Brown RG-178	MMCX plug R.A.
WCP2400-MMCX8	CAF28841	8" Brown RG-178	MMCX plug R.A.
WCP2400-MMCX12	CAF28841	12" Brown RG-178	MMCX plug R.A.

ANT-DS-DIPOLE-WCP 0409

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