



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

Heptaband™ External Wireless Antennas



HEPTABAND™ EXTERNAL WIRELESS ANTENNA OFFERS ULTIMATE BANDWIDTH WITH OVER SEVEN FREQUENCY RANGES

Laird Technologies Heptaband portable wireless antennas provide excellent radio transmission characteristics while offering the ultra flexibility of seven bands in one profile. With operating frequencies of 824 - 894 MHz, 880 - 960 MHz, 1575 MHz, 1710 - 1880MHz, 1850 - 1990 MHz, 1920 - 2170 MHz, and 2400 - 2500 MHz, the antenna is the ideal choice when multiple bandwidths are required in various regional and global applications. Additionally, the blade style antenna features both knuckle and swivel snap-in or SMA/TNC/RPTNC connector options.

FEATURES

- Operates simultaneously in more than seven frequency bands supporting - Cellular, Quadband GSM+UMTS/3G, GPS, AWS, WIFI, WLAN, and WISP
- Available in knuckle swivel snap or SMA/TNC/RPTNC connector options.
- Blade style external antenna measures only 6.33"

MARKETS

- Wireless terminal
- Point-of-Sale
- Machine to machine
- Automatic meter reading
- Home security

global solutions: local support.™

USA: +1.800.323.3757

Europe: +46.8.555.722.00

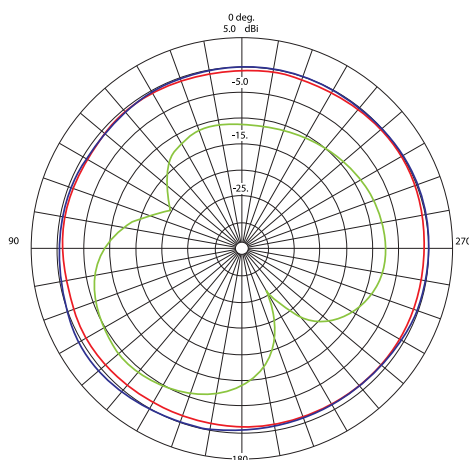
Asia: +886.2.2286.2828

www.lairdtech.com

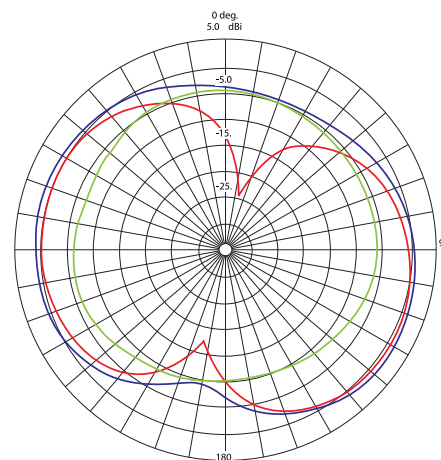


Innovative Technology
for a Connected World

Heptaband™ External Wireless Antennas



TYPICAL AZIMUTH PATTERN



TYPICAL ELEVATION PATTERN

SPECIFICATIONS

ELECTRICAL	
Frequency Range:	824-894 MHz, 880-960 MHz, 1575 MHz, 1710-1880 MHz, 1850-1990 MHz, 1920-2170 MHz, 2400-2500 MHz
Gain	1 - 3 dBi
VSWR	<2.5:1
Polarization	Linear
Azimuth (3dB beamwidth)	Omnidirectional
Impedance	50 Ω
Temperature Range	-5° C to +50° C
Power	10 W
Mounting Style	Snap-in/Captive, SMA, RPSMA, TNC, RPTNC
Dimensions (mm)	6.3" x .36" (161 x 9.3) with knuckle angle

MODEL NUMBER	PART NUMBER	MOUNTING STYLE	COLOR
HEPTA-SM	MAF94300	SMA	Black
HEPTA-RSM	MAF94301	RP-SMA	Black
HEPTA-TN-G	MAF94302	TNC	Gray
HEPTA-RTN	MAF94303	RP-TNC	Black
HEPTA-IP04	MAF94304	SNAPIN/CAPTIVE, 100mm of RG178 coax with I-PEX connector	Black
HEPTA-MMCX04	MAF94305	SNAPIN/CAPTIVE, 100mm of RG178 coax MMCX connector	Black
HEPTA-FL04	MAF94306	SNAPIN/CAPTIVE, 100mm of RG178 coax flying lead	Black
HEPTA-TN	MAF94307	TNC	Black
HEPTA90-TN	MAF94309	TNC, Blade Angle - 90 degree	Black

ANT-DS-HEPTABAND 0609

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2009 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.