Smart Technology. Delivered.

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 more than seven bands in one profile. With operating frequencies of 815 - 885 MHz, 824 - 894 MHz, 880 - 960 MHz, 1427 - 1511 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.

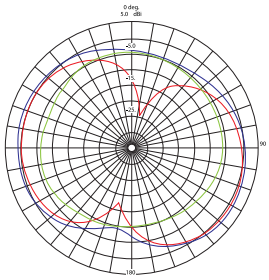
FEATURES RoHS

- 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”

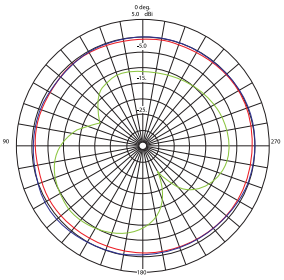
MARKETS

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

ELECTRICAL	
Frequency Range:	815 - 885 MHz, 824 - 894 MHz, 880-960 MHz, 1427 - 1511 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



TYPICAL ELEVATION PATTERN



TYPICAL AZIMUTH PATTERN

MODEL NUMBER	PART NO.	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

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ANT-DS-HEPTABAND 1213

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