



HEPTABAND™ EXTERNAL

Wireless Antenna 815-885 MHz/ 824-894 MHz/ 880-960 MHz/ 1427-1511 MHz/ 1575 MHz/ 1710-1880 MHz/ 1850-990 MHz/ 1920-2170 MHz/ 2400-2500 MHz

Laird Connectivity 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, 1710-1880 MHz, 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

FEATURES AND BENEFITS

SMA/TNC/RPTNC connector options.

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

APPLICATION

- Wireless terminal
- Point-of-sale
- Machine-to-machine

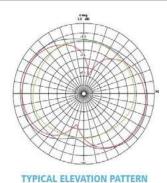
- · Automatic meter reading
- Home security

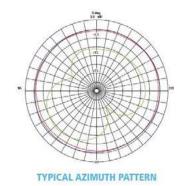
ELECTRICAL SPECIFICATIONS			
Model Name	Heptaband		
Operating Frequency (MHz)	815-885 MHz, 824-894 MHz, 880-960 MHz, 1427-1511 MHz, 1575 MHz, 1710-1880 MHz, 1850-1990 MHz, 1920-2170 MHz, and 2400-2500 MHz		
Gain (dBi)	1-3		
VSWR	<2.5:1		
Polarization	Linear		
Azimuth - 3 dB Beamwidth	Omnidirectional		
Nominal Impedance (Ohms)	50		
Max Power - Ambient 25°C (W)	10		

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS		
Dimensions - mm (inches)	161 x 9.3 (6.3 x 0.36)	
Mounting Style	Snap-in/Captive, SMA, RPSMA, TNC, RPTNC	
Operating Temperature – °C (°F)	-5 to +50°C (-23 to +122°F)	
Material Substance Compliance	RoHS	

CONFIGURATION

MODEL NUMBER	PART NUMBER	CONNECTOR	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-MMCX04	MAF94305	SNAPIN/CAPTIVE, 100 mm of RG178 coax MMCX connector	Black
HEPTA-FL04	MAF94306	SNAPIN/CAPTIVE, 100 mm of RG178 coax flying lead	Black
HEPTA-TN	MAF94307	TNC	Black





TE TECHNICAL SUPPORT CENTER

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