



This Laird LTE rotatable shell omni-directional antenna is a tough low-profile antenna for outdoor or indoor applications. This antenna provides frequency agility, low visibility, wide bandwidth and a low angle radiation pattern that is superior to traditional gain antennas in most applications.

The HCR6927M antenna is available in various industry-standard mounting configurations including a threaded permanent stud mount model for vandal resistant mounting on brackets, panels, ceilings, or any other kind of housing.

### FEATURES AND BENEFITS

- Multi-band operation: 698-960 MHz/1710-2700 MHz
- Meets IP67 protection rating for dust tight seal and temporary water immersion
- Permanent mount provides vandal resistant protection for remote installations
- Conformance to RoHS
- Includes DC Short for ESD Protection

### ELECTRICAL SPECIFICATIONS

Operating Frequency (MHz)	698-960	1710-2700
Gain – Max (dBi)	1.3	2.8
VSWR	<2:1	
Nominal Impedance (Ohms)	50	
Max Power - Ambient 25°C (W)	10	
Polarization	Vertical	

### MECHANICAL SPECIFICATIONS

Dimensions – height x diameter – mm (inches)	83.3 x 36.5 (3.47 x 1.4)
Weight – g (lbs.)	NMO – 106 (0.23) P-Mount – 192.5 (0.42)
Antenna Color	Black/White

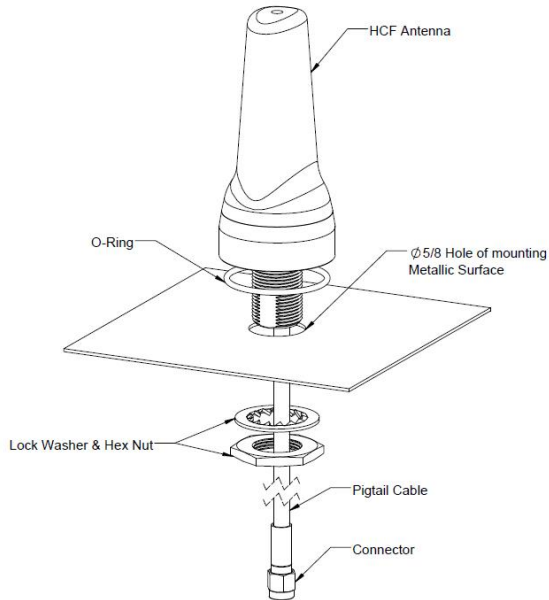
### ENVIRONMENTAL SPECIFICATIONS

Operating Environment (Indoor or Outdoor)	Indoor and outdoor
Operating Temperature – °C (°F)	-30 to +70°C (-22 to +158°F)
Storage Temperature – °C (°F)	-40 to +85°C (-40 to +185°F)
Wind Survival – km/hr (mph)	282 (175)
Ingress Protection Rating	IP67
Material Substance Compliance	RoHS

### CONFIGURATION

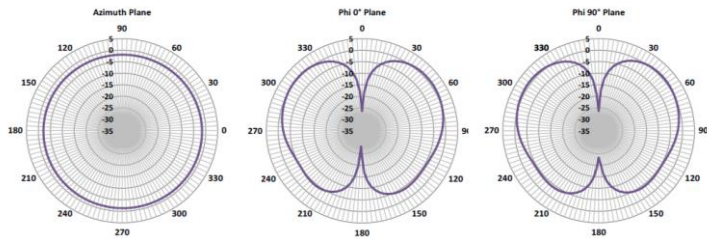
PART NUMBER	FREQUENCY	COLOR	MOUNT
HCR6927M3NBL-001	698-960 MHz	Black – w/ logo	NMO
HCR6927M3NWL-001	698-960 MHz	White – w/ logo	NMO
HCR6927M3NBN-001	698-960 MHz	Black – w/o logo	NMO
HCR6927M3NWN-001	698-960 MHz	White – w/o logo	NMO
HCR6927M3PBL-001	1710-2700 MHz	Black – w/ logo	P-mount
HCR6927M3PWL-001	1710-2700 MHz	White – w/ logo	P-mount
HCR6927M3PBN-001	1710-2700 MHz	Black – w/o logo	P-mount
HCR6927M3PVN-001	1710-2700 MHz	White – w/o logo	P-mount

## MOUNTING OPTIONS (remove borders when complete)

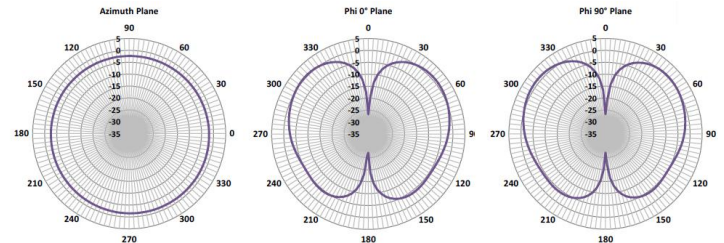


## RADIATION PATTERNS

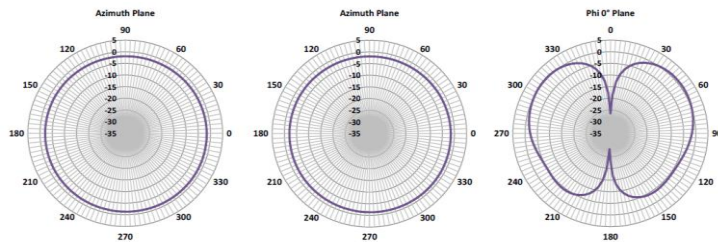
### 698 MHz



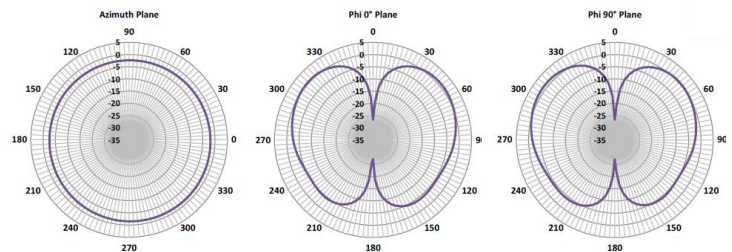
### 824 MHz



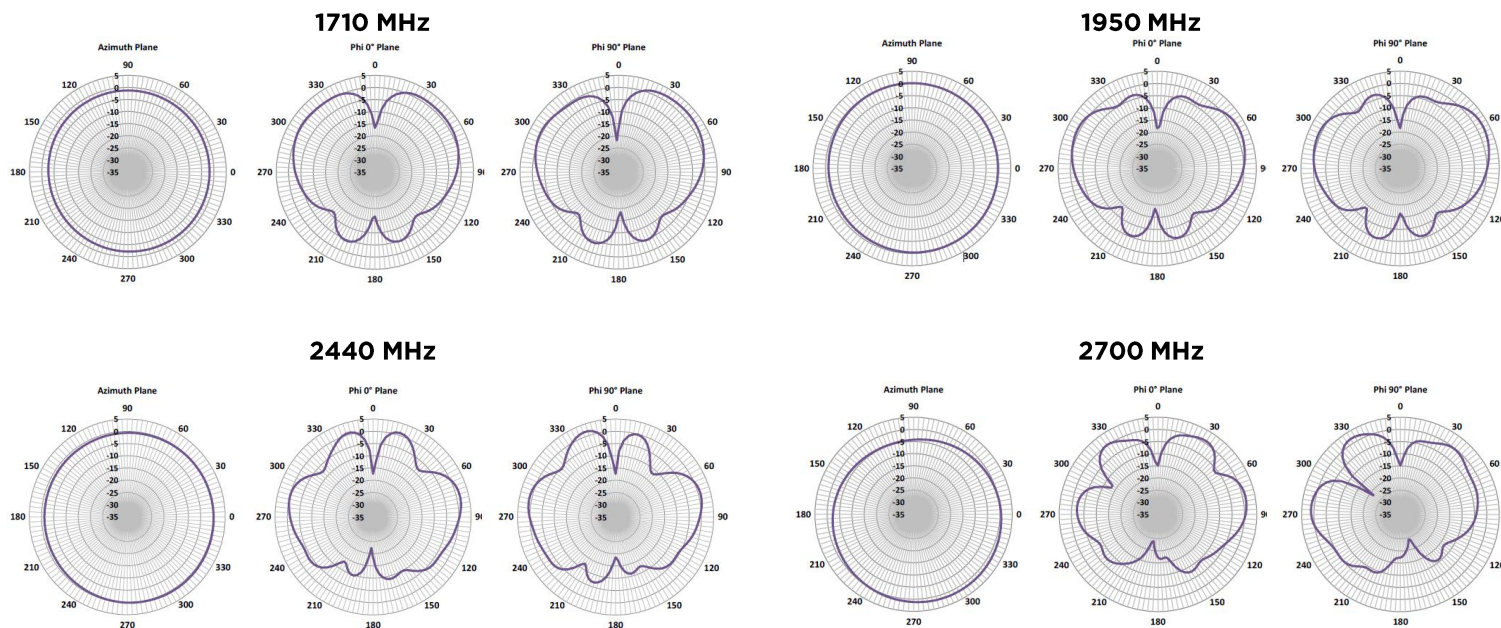
### 915 MHz



### 960 MHz



## RADIATION PATTERNS



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