

698-960 MHz/1710-2700 MHz LTE Rotatable Shell Omni-Directional Antenna HCR6927M



THE LTE ROTATABLE SHELL OMNIDIRECTIONAL ANTENNA – WHEN HIGH PERFORMANCE IS DESIRED & EXTREME RUGGEDNESS & LOW PROFILE IS REQUIRED.

The Laird LTE Rotatable Shell Omnidirectional 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 LTE Rotatable Shell Omnidirectional 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



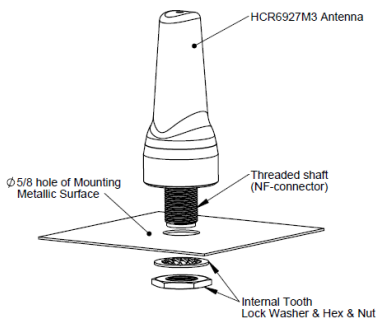
- Multi-band operation: 698-960 MHz / 1710-2700 MHz
- Meets IP67 protection rating for dust tight seal and temporary water immersion.
- Permanent mount provides vandal resistant protection for remote installations.
- Conformance to RoHS

MARKETS

- Security / Public Safety
- Commercial & Industrial - M2M
- Transportation
- Electric, Gas, & Water Utilities
- Retail, Consumer & Home
- Fixed Radio Applications

SPECIFICATIONS

Model	HCR6927M3NBL-001 HCR6927M3NWL-001 HCR6927M3NBN-001 HCR6927M3NWN-001	HCR6927M3PBL-001 HCR6927M3PWL-001 HCR6927M3PBN-001 HCR6927M3PWN-001
Frequency	698-960 MHz	1710-2700 MHz
Gain (Typical)	0.9 dBi	2.3 dBi
Gain (Max)	1.3 dBi	2.8 dBi
VSWR (2' x 2' ground plane)	< 2:1	
Max Input Power	10 watts	
Radiation Pattern	Omnidirectional	
Polarization	Vertical	
Normal Impedance	50 Ohm	
Antenna Dimension (")	83.3 H x 36.5 D mm (3.47 x 1.4)	
Antenna Color	Black / White	
Weight (lbs)	NMO: 106 g (0.23) P-Mount: 192.5 g (0.42)	
Wind Survival (mph)	282 km/h (175)	
Mounting	NMO / P-Mount	
Operating Temperature	-30° C to 70° C	
Storage Temperature	-40° C to 85° C	
Ingression Protection	IP67	
RoHS Compliance	Yes	



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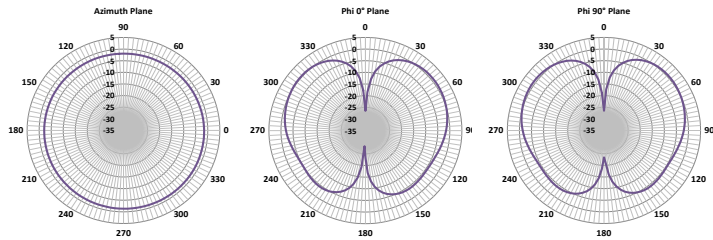
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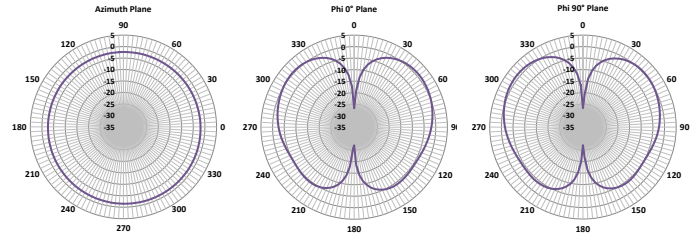
HCR6927M3NBL-001	NMO mount black w/Logo	HCR6927M3PBL-001	P mount white w/logo
HCR6927M3NWL-001	NMO mount white w/logo	HCR6927M3PWL-001	P mount white w/logo
HCR6927M3NBN-001	NMO mount black no logo	HCR6927M3PBN-001	P mount black no logo
HCR6927M3NWN-001	NMO mount white no logo	HCR6927M3PWN-001	P mount white no logo

RADIATION PATTERNS: 30 cm Ground Plane

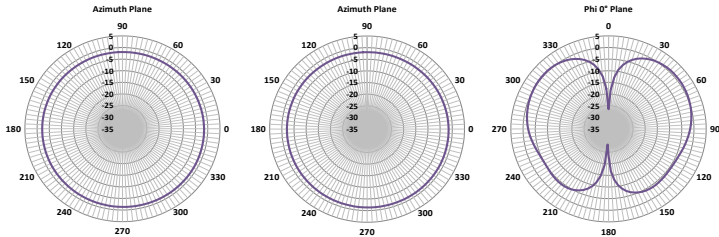
Radiation Pattern at 698 MHz



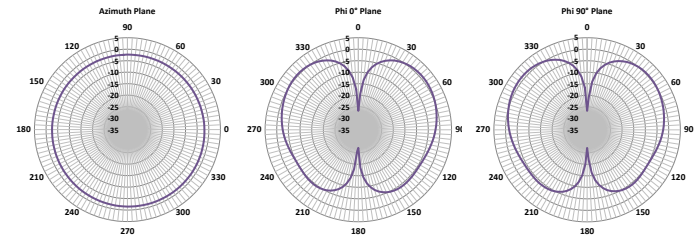
Radiation Pattern at 824 MHz



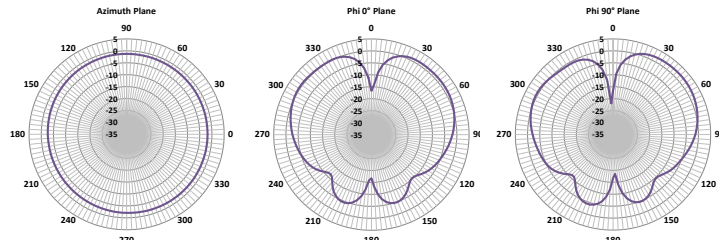
Radiation Pattern at 915 MHz



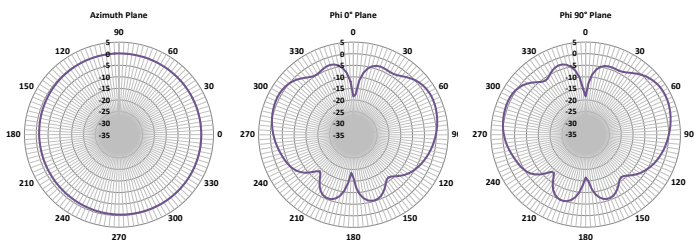
Radiation Pattern at 960 MHz



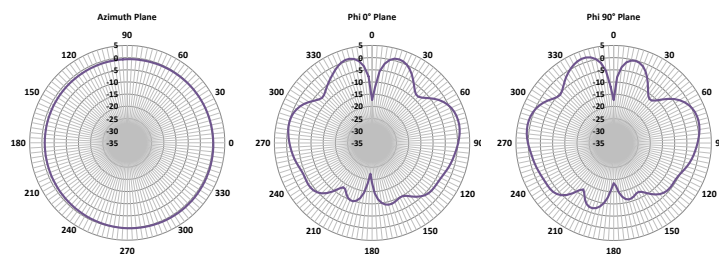
Radiation Pattern at 1710 MHz



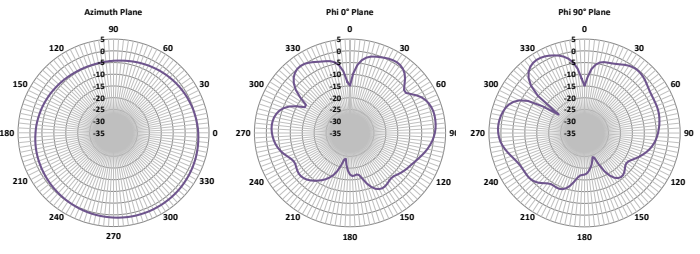
Radiation Pattern at 1950 MHz



Radiation Pattern at 2400 MHz



Radiation Pattern at 2700 MHz



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