



HCR6927M3

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

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

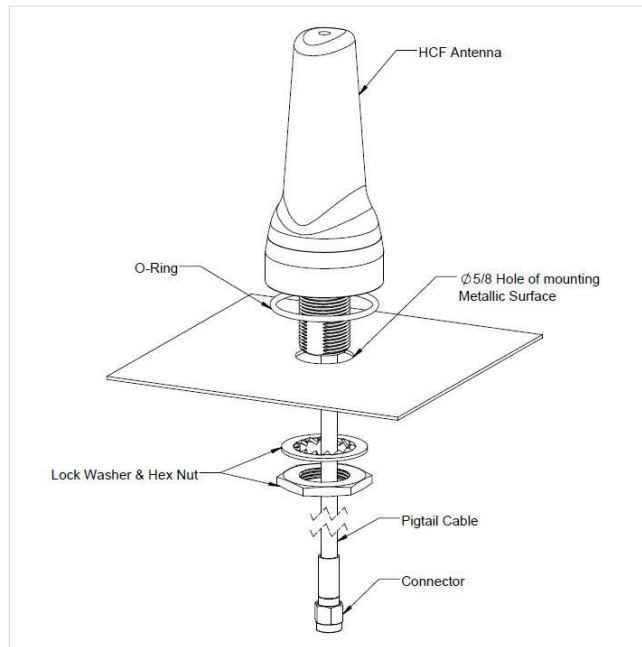
ENVIRONMENTAL SPECIFICATIONS

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

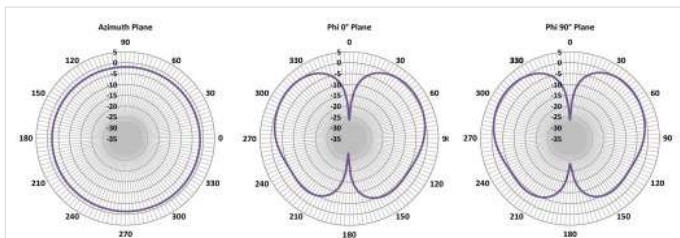
PART NUMBER	FREQUENCY	COLOR	MOUNT
HCR6927M3NBL-001	698-960 MHz	Black - w/ logo	NMO
HCR6927M3NWL-001	698-960 MHz	White - w/ logo	NMO
HCR6927M3NBN-001	698-960 MHz	Black - w/ logo	NMO
HCR6927M3NWN-001	698-960 MHz	White - w/ logo	NMO
HCR6927M3PBL-001	1710-2700 MHz	Black - w/ logo	P-mount
HCR6927M3PWL-001	1710-2700 MHz	White - w/ logo	P-mount
HCR6927M3PBN-001	1710-2700 MHz	Black - w/ logo	P-mount
HCR6927M3PWN-001	1710-2700 MHz	White - w/ logo	P-mount

MOUNTING OPTIONS

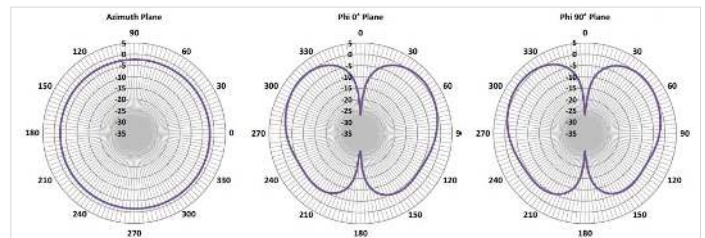


RADIATION PATTERNS

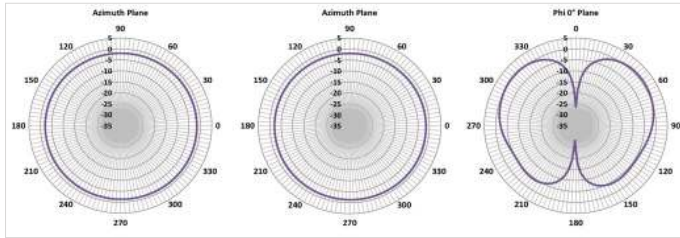
698 MHz



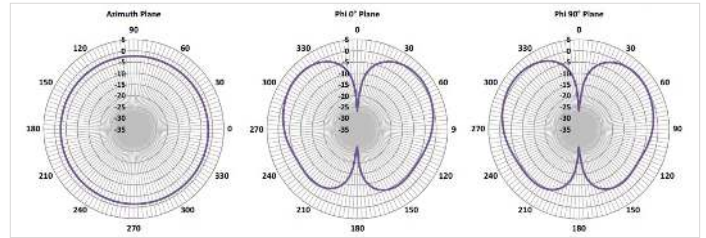
824 MHz



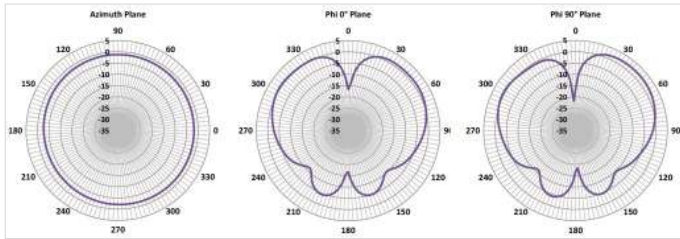
915 MHz



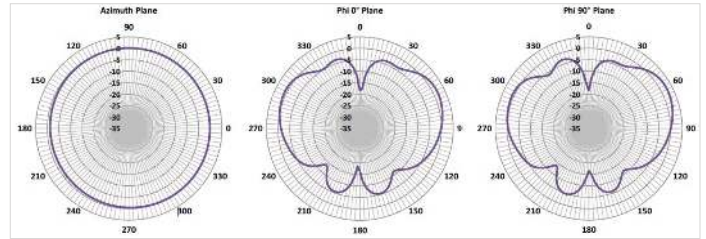
960 MHz



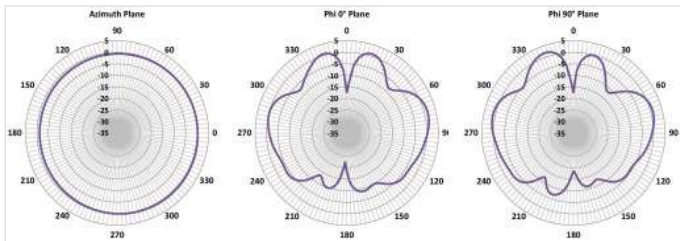
1710 MHz



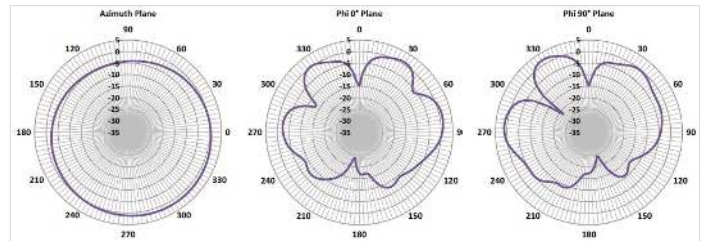
1950 MHz



2440 MHz



2700 MHz



TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

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