



M670 7-Lead M2M IoT Antenna Solution

Mobility Applications

Form Factor: M670 Series
7-Lead Combination Multi-MIMO Antenna
Multi-Band / Multi-MIMO Applications
 Low Profile / High Impact ABS / Theft & Vandal Resistant
 Built-In Ground Plane / FirstNet Compliant

M670 7-Lead Enterprise Grade Multi-MIMO Mobility Antenna Specifications			
Multi MIMO Wide Band Cellular 3G 4G 5G LTE AWS XLTE / GPS GNSS / Multi MIMO Dual Band WiFi 2.4 5GHz			
Cellular Frequencies	600MHz - 3800MHz	GPS / GNSS Frequency	1562MHz - 1612MHz
WiFi Frequencies	2.4-2.5GHz / 4.9-5.9GHz (Concurrent)		w/Front End SAW Filter
Peak Gain	(8dBi) 600-960MHz (9dBi) 1710-3800MHz (6dBi) WiFi 2.4-2.5 / 4.9-5.9 GHz	GPS Amplifier	29dB (min gain)
VSWR	<1.5:1	Ariel Ratio	3.0dB max
Impedance	50 Ohms	Polarization	R.H.C.P. / Hemispherical
Max Power	10 Watts	Bandwidth	2 MHz min
Polarization	Vertical / Linear	VSWR	1.9:1 max
Radiation Pattern	Omni Directional	Noise Figure	1.5dB Typical / 2dB Max
Case Material	High Impact UV Stable ABS Polymer	Voltage Supply	3 to 5 VDC
Connector Types	All Standard RF Connectors Available		
Antenna Coax Cables	4 x CFD195 Coax Cables / 3 x 15ft CFD100 Coax Cables * Custom cabling options are available		
Fixed Bolt Mount	1" x 3/4" Zinc Bolt Mount w/Anti Rotation Perma Seal Baseplate Pad		
Operating Temp	-40°C to +85°C		
Ingress Protection	IP66		
Antenna Configuration Options			
7 Element Configurations	MIMO 2 x Cellular LTE / GPS GNSS / Multi MIMO 4 x WiFi Dual Band Multi MIMO 4 x Cellular LTE / GPS GNSS / MIMO 2 x WiFi Dual Band Multi MIMO 6 x Cellular LTE / GPS GNSS Multi MIMO 6 x WiFi / GPS GNSS		



Form Factor M670
 Designed to Resist Theft & Vandalism.
 Fixed Bolt Mount / Perma-Seal Adhesive
 Impact Resistant / Weatherproof
 "Built To Spec" Options are Available

