

M970 Enterprise Antenna Enterprise Grade Mobile Connectivity
Multi-MIMO /Multi-Carrier 4G 5G CBRS Compliant

5GM-ANT- M670-BB-6CG

Configuration of Antenna

Multi-MIMO 6 x Cellular 3G 4G 5G CBRS + 1 x GPS GNSS

M970 Low-Profile Series Mobility Antenna Specifications Multi-Carrier Multi MIMO Cellular 4G 5G CBRS / GPS GNSS	
Multi-MIMO Multi-Carrier / Multi-Technology 4G LTE CBRS 5G Compliant	Verizon 4G 5G (DSS) Bands: B2 B4 B5 B13 B46 B48 B66 T-Mobile 4G 5G Bands: B2 B4 B5 B12 B25 B26 B41 B66 B71 n25 n41 n66 n71 AT&T 4G 5G Bands: B2 B4 B5 B12 B14 B17 B29 B30 B66 n5 CBRS LTE Band: B48
4G 5G CBRS Frequency Range	617-960MHz /1710-6000MHz
4G 5G CBRS Avg Peak Gain: <i>Isotropic (dBi)</i>	(5dBi) 617-960MHz / (8dBi) 1710-3800MHz / (9dBi) 4900-6000MHz / (6.5dBi) CBRS LTE 3.5GHz
Typical Efficiency 4G 5G Elements	617-960MHz >60% 1710-3800MHz >75% 4900-6000MHz >85%
0.68	>10dB
Correlation Co-efficient 4G 5G Elements	<0.2
Radiation Pattern	Omni Directional
Nominal Impedance	50Ω
GPS GNSS Specifications	GPS Glonass Galileo QZSS Compass <i>In-Band Frequency Interference Filter for LTE B13 B14</i>
Frequency Range	1562-1612MHz
LNA Gain	29dB ± 2dB
VSWR	<2.0:1
Out of Band Rejection	>45dB (@ > +/- 100MHz f)
Typical Noise Figure	<-2dB
Notch Filter Rejection @787MHz	24dB
Operating Voltage	3-5V DC
Typical Current	15mA
Antenna Housing	High Impact UV Stable ABS Polymer (Black) Housing Height: 114mm (4.5") / Base Diameter: 140mm (5.5")
Connector Types	All Standard RF Connectors Available
15ft Coax Cables (All Cables Full Length)	Cellular 4G 5G CFD200 Coax Cables / GPS GNSS CFD100 Coax Cable * Custom cable lengths & connector end options are available
Mounting Bolt	Stainless Steel Mounting Bolt: Length 20mm (0.8") / Diameter 22mm (0.9") w/Anti Rotation Perma Seal Baseplate Pad
Operating Temp	-40° / +80°C (-40° / +176°F)
Ingress Protection	IP69K

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