

M970 Low-Profile Antenna Enterprise Grade Mobile Connectivity

Multi-MIMO /Multi-Carrier 4G 5G CBRS Compliant

5GM-ANT- M970-BB-6CG

Configuration of Antenna

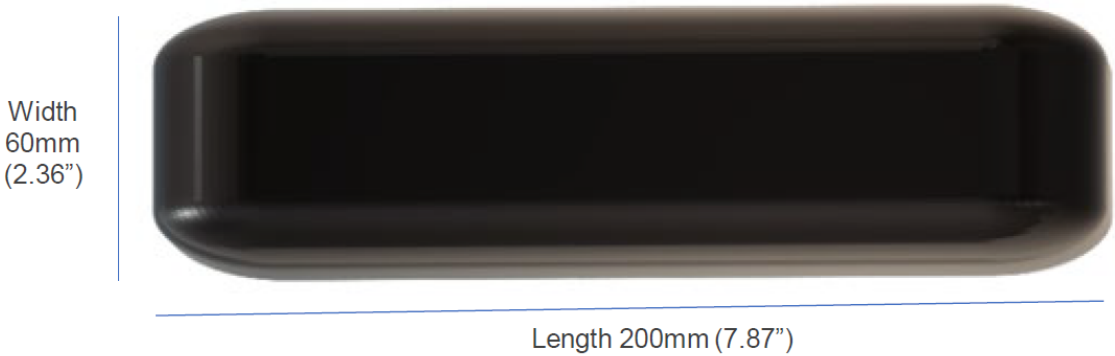
Multi-MIMO 6 x Cellular 3G 4G 5G CBRS / GPS GNSS

M970 Low-Profile Series Mobility Antenna Specifications <i>Multi-Carrier Multi MIMO Cellular 4G 5G CBRS / GPS GNSS</i>	
Multi-MIMO Multi-Carrier / Multi-Technology 4G LTE CBRS 5G Compliant	Verizon 4G 5G (DSS) Bands: <i>B2 B4 B5 B13 B46 B48 B66</i> T-Mobile 4G 5G Bands: <i>B2 B4 B5 B12 B25 B26 B41 B66 B71 n25 n41 n66 n71</i> AT&T 4G 5G Bands: <i>B2 B4 B5 B12 B14 B17 B29 B30 B66 n5</i> CBRS LTE Band: <i>B48</i>
4G 5G CBRS Frequency Range	617-960MHz /1710-6000MHz
4G 5G CBRS Avg Peak Gain: <i>Isotropic (dBi)</i>	(3dBi) 617-960MHz / (5.5dBi) 1710-3800MHz / (5.5dBi) 4900-6000MHz / (5.3dBi) CBRS LTE 3.5GHz
Typical Efficiency 4G 5G Elements	617-960MHz >60% 1710-3800MHz >65% 4900-6000MHz >85%
0.68	>12dB
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: 65mm (2.56") / Base Length: 200mm (7.87") / Base Width: 60mm (2.36")
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 24mm (0.95") / Diameter: 30mm (1.18") Diameter w/Anti Rotation Perma Seal Baseplate Pad
Operating Temp	-40° / +80°C (-40° / +176°F)
Ingress Protection	IP69K

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

Base Length 200mm (7.87") x Base Width 60mm (2.36") x Height: 65mm (2.56")

Top View



Side View

