

PT69 PT68 PT67 PT66 Enterprise Series Mobility Antenna Specifications
Multi-Carrier Multi MIMO Cellular 4G LTE CBRS 5G NR / GPS GNSS / Multi MIMO Multi Band WiFi 2.4~7GHz

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> / 5G NR Bands: <i>n77 n78 n79</i>
4G 5G CBRS LTE Frequency Range WiFi Frequency Range	617-960MHz / 1710-7000MHz 2.4-2.5GHz / 4.9-7GHz (<i>Concurrent</i>)
4G 5G CBRS Avg. Peak Gain: <i>Isotropic</i> WiFi Avg. Peak Gain: <i>Isotropic</i>	(5dBi) 617-960MHz / (8dBi) 1710-3800MHz / (9dBi) 4900-7000MHz / (6.5dBi) CBRS LTE 3.5GHz (9dBi) 2.4-2.5GHz / (9dBi) 4.9-7GHz
Typical Efficiency 4G 5G Elements	617-960MHz >65% 1710-3800MHz >75% 4900-7000MHz >85%
Typical Efficiency WiFi Elements	>70%
Isolation 4G 5G Elements Isolation WiFi Elements	>10dB >12dB
Correlation Co-efficient 4G 5G Elements Correlation Co-efficient WiFi Elements	<0.2 <0.1
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 or White) Housing Height: <i>114mm (4.5")</i> / Base Diameter: <i>140mm (5.5")</i>
Connector Types	All Standard RF Connectors Available
15ft Coax Cables (All Cables Full Length)	Cellular 4G 5G CFD200 Coax Cables / Multi Band WiFi CFD200 Coax Cables / GPS GNSS CFD100 Coax Cable * Custom cable lengths & connector end options are available
Mounting Bolt	PT69 PT68 Stainless Steel Mounting Bolt: <i>Length 24mm (0.95")</i> / <i>Diameter 25mm (1")</i> PT67 PT66 Stainless Steel Mounting Bolt: <i>Length 20mm (0.8")</i> / <i>Diameter 22mm (0.9")</i> w/Anti Rotation Perma Seal Baseplate Pad
Operating Temp	-40° / +80°C (-40° / +176°F)
Ingress Protection	IP69K

Antenna Configuration Options

<p>PT69 9-Element Configurations</p>	<p>PT69-BB-4CG4W: Multi-MIMO 4 x Cellular 3G 4G 5G CBRS / GPS GNSS / Multi-MIMO 4 x WiFi Dual Band – (Black) PT69-BW-4CG4W: Multi-MIMO 4 x Cellular 3G 4G 5G CBRS / GPS GNSS / Multi-MIMO 4 x WiFi Dual Band – (White)</p> <p>PT69-BB-6CG2W: Multi-MIMO x 6 Cellular 3G 4G 5G CBRS / GPS GNSS / MIMO 2 x WiFi Dual Band – (Black) PT69-BW-6CG2W: Multi-MIMO x 6 Cellular 3G 4G 5G CBRS / GPS GNSS / MIMO 2 x WiFi Dual Band – (White)</p> <p>PT69-BB-2CG6W: MIMO x 2 Cellular 3G 4G 5G CBRS / GPS GNSS / Multi-MIMO 6 x WiFi Dual Band – (Black) PT69-BW-2CG6W: MIMO x 2 Cellular 3G 4G 5G CBRS / GPS GNSS / Multi-MIMO 6 x WiFi Dual Band – (White)</p> <p>PT69-BB-8CG: Multi-MIMO 8 x Cellular 3G 4G 5G CBRS / GPS GNSS – (Black) PT69-BW-8CG: Multi-MIMO 8 x Cellular 3G 4G 5G CBRS / GPS GNSS – (White)</p> <p>PT69-BB-8WG: Multi-MIMO 8 x WiFi Dual Band / GPS GNSS – (Black) PT69-BW-8WG: Multi-MIMO 8 x WiFi Dual Band / GPS GNSS – (White)</p>
<p>PT68 8-Element Configurations</p>	<p>PT68-BB-4CG3W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / GPS GNSS / MIMO 3 x WiFi Dual Band – (Black) PT68-BW-4CG3W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / GPS GNSS / MIMO 3 x WiFi Dual Band – (White)</p> <p>PT68-BB-4C4W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / Multi MIMO 4 x WiFi Dual Band – (Black) PT68-BW-4C4W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / Multi MIMO 4 x WiFi Dual Band – (White)</p> <p>PT68-BB-2C6W: MIMO x 2 Cellular 3G 4G 5G CBRS / Multi MIMO 6 x WiFi Dual Band – (Black) PT68-BW-2C6W: MIMO x 2 Cellular 3G 4G 5G CBRS / Multi MIMO 6 x WiFi Dual Band – (White)</p> <p>PT68-BB-6C2W: Multi MIMO x 6 Cellular 3G 4G 5G CBRS / MIMO 2 x WiFi Dual Band – (Black) PT68-BW-6C2W: Multi MIMO x 6 Cellular 3G 4G 5G CBRS / MIMO 2 x WiFi Dual Band – (White)</p> <p>PT68-BB-8C: Multi-MIMO 8 x Cellular 3G 4G 5G CBRS – (Black) PT68-BW-8C: Multi-MIMO 8 x Cellular 3G 4G 5G CBRS – (White)</p> <p>PT68-BB-8W: Multi MIMO 8 x WiFi Dual Band – (Black) PT68-BW-8W: Multi MIMO 8 x WiFi Dual Band – (White)</p>
<p>PT67 7-Element Configurations</p>	<p>PT67-BB-4CG2W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / GPS GNSS / MIMO 2 x WiFi Dual Band – (Black) PT67-BW-4CG2W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / GPS GNSS / MIMO 2 x WiFi Dual Band – (White)</p> <p>PT67-BB-2CG4W: MIMO x 2 Cellular 3G 4G 5G CBRS / GPS GNSS / Multi-MIMO 4 x WiFi Dual Band – (Black) PT67-BW-2CG4W: MIMO x 2 Cellular 3G 4G 5G CBRS / GPS GNSS / Multi-MIMO 4 x WiFi Dual Band – (White)</p> <p>PT67-BB-4C3W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / MIMO 3 x WiFi Dual Band – (Black) PT67-BW-4C3W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / MIMO 3 x WiFi Dual Band – (White)</p> <p>PT67-BB-6CG: Multi-MIMO 6 x Cellular 3G 4G 5G CBRS / GPS GNSS – (Black) PT67-BW-6CG: Multi-MIMO 6 x Cellular 3G 4G 5G CBRS / GPS GNSS – (White)</p> <p>PT67-BB-6WG: Multi-MIMO 6 x WiFi Dual Band / GPS GNSS – (Black) PT67-BW-6WG: Multi-MIMO 6 x WiFi Dual Band / GPS GNSS – (White)</p>
<p>PT66 6-Element Configurations</p>	<p>PT66-BB-2CG3W: MIMO x 2 Cellular 3G 4G 5G CBRS / GPS GNSS / MIMO 3 x WiFi Dual Band – (Black) PT66-BW-2CG3W: MIMO x 2 Cellular 3G 4G 5G CBRS / GPS GNSS / MIMO 3 x WiFi Dual Band – (White)</p> <p>PT66-BB-2C4W: MIMO x 2 Cellular 3G 4G 5G CBRS / Multi-MIMO 4 x WiFi Dual Band – (Black) PT66-BW-2C4W: MIMO x 2 Cellular 3G 4G 5G CBRS / Multi-MIMO 4 x WiFi Dual Band – (White)</p> <p>PT66-BB-4C2W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / MIMO 2 x WiFi Dual Band – (Black) PT66-BW-4C2W: Multi-MIMO x 4 Cellular 3G 4G 5G CBRS / MIMO 2 x WiFi Dual Band – (White)</p> <p>PT66-BB-6C: Multi-MIMO 6 x Cellular 3G 4G 5G CBRS – (Black) PT66-BW-6C: Multi-MIMO 6 x Cellular 3G 4G 5G CBRS – (White)</p> <p>PT66-BB-6W: Multi-MIMO 6 x WiFi Dual Band – (Black) PT66-BW-6W: Multi-MIMO 6 x WiFi Dual Band – (White)</p>

PT69 PT68 Enterprise Antennas



PT67 PT66 Enterprise Antennas



[Optional: Rugged PT-Lander
 Adjustable Magnetic Mount Adapter](#)