

PT69 Enterprise Grade Mobility Antenna Specifications

Multi MIMO Cellular 3G 4G 5G LTE AWS XLTE FirstNet / GPS GNSS / Multi MIMO WiFi 2.4 5GHz (Concurrent)

Cellular Frequencies WiFi Frequencies	600MHz - 3800MHz 2.4-2.5GHz / 4.9-5.9GHz (Concurrent)	GPS / GNSS Frequency	1562MHz - 1612MHz 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	2 x 15ft CFD195 Coax Cables / 7 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

9 Element Configurations

Multi MIMO 4 x Cellular 3G 4G 5G LTE XLTE / GPS GNSS / Multi MIMO 4 x WiFi Dual Band
MIMO x 2 Cellular 3G 4G 5G LTE XLTE / GPS GNSS / Multi MIMO 6 x WiFi Dual Band
MIMO x 6 Cellular 3G 4G 5G LTE XLTE / GPS GNSS / Multi MIMO 2 x WiFi Dual Band
Multi MIMO 8 x Cellular 3G 4G 5G LTE XLTE / GPS GNSS
Multi MIMO 8 x WiFi Dual Band / GPS GNSS

