

PNMG944

COVERT/WALL MOUNT MULTIBAND MIMO ANTENNA

PRODUCT OVERVIEW

The PNMG944 is a covert/wall mount antenna that contains 9 elements combined in one housing. This antenna is compact in size, but has the power suited for applications such as fleet management, fixed site networks, and more.

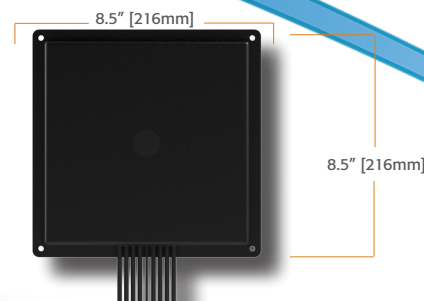
- **Small and Powerful:** The PNMG944 features (4x) 5G Sub-6, (4x) WiFi 6E/7, and (1x) GNSS. Covering all the Cellular and GNSS frequencies, supporting GPS, Galileo, Glonass, QZSS, and Beidou, and cellular elements deliver 4x4 MIMO for Dual-Carrier networks.
- **Configurable;** The PNMG944 can be tailored to meet your needs. Cable length and/or connectors can be customized to minimize cable loss.
- **Built to last.** Capitalizing on a heavy-duty, UV rated ASA radome, the PNMG944 is water resistant, vibration and shock resistant making it ideal for outdoor and industrial applications.

Tested and trusted, Mobile Mark focuses on quality and leveraging the expertise of highly skilled professionals, specializing in customizable manufacturing solutions across North America and Europe. By combining advanced technologies with comprehensive team knowledge, we ensure tailored products that meet diverse needs, all delivered efficiently to exceed expectations.

To Purchase, visit www.TheAntennaStore.com.

Electrical Specifications		
Frequency & Gain	Cables 1-4 (5G)	617-960 MHz, 2 dBi Peak 1710-7200 MHz, 5 dBi Peak
	Cables 5-8 (WiFi 6E/7)	2.4-2.5 GHz, 5 dBi Peak 4.9-7.2 GHz, 5 dBi Peak
VSWR	Cellular: 2.5:1 Max	
	WiFi: 2:1 Max	
Impedance	50 Ohms Nominal	
Power Rating	10 Watts Max	
GNSS/GPS	Amplifier Gain & Bias Voltage	GPS L1, Galileo E1, GLONASS L1, BeiDou B1, and QZSS L1C LNA 26 dB \pm 3 dB/Element 4 dBiC +3 to +5 VDC
	Current	20 mA max, 10 mA typical
Noise Figure	1.7dB typical, 2.0 dB max	

Mechanical Specifications	
Radome Material & Color	UV Stable ASA, Available in Black or White
Radome Dimension	8.5x8.5x0.75 in (216x216x19 mm)
Standard Connectors	SMA Plugs (M)
Cables	LMR100 Cables for 5G Sub-6 & WiFi 6E/7, 12" (30.5cm) RG-174 Cable for GNSS, 12" (30.5cm)
Operating Temperature	-40° to +80° C
Mounting	Tape/Mounting Holes
Mounting Holes	4x 0.2" (5.1 mm) dia / 7.86" (200 mm) spaced
RoHS Compliant	Yes



HIGHLIGHTS:

- 4x 5G Sub-6, 4x WiFi 6E/7, 1x GNSS
- Compact in Size
- Easy to Install
- Fast Delivery
- Manufactured in North America & Europe

COMMON APPLICATIONS:

- Fleet Management
- 5G Sub-6 Mobile/Fixed Site Networks

BANDS:

- 5G NR: n1, n2, n3, n4, n5, n6, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n65, n66, n67, n70, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n96, n98, n100, n101, n102, n104, n105, n106
- LTE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 70, 71, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 89, 90, 95, 96, 98, 100, 101, 102, 104, 105, 106, 252, 255



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