

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.

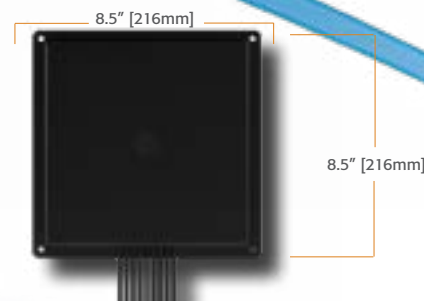
- **Small and Powerful:** The PNMG944 features (4x) 5G Sub-6, (4x) WiFi 6E/7, and (1x) GNSS. Covering all the Cellular and GNSS frequencies, supporting GPS, Galileo, Glonass, QZSS, and Beidou, and cellular elements deliver 4x4 MIMO for Dual-Carrier networks.
- **Configurable;** The PNMG944 can be tailored 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 | LL-195 Cables for 5G Sub-6 & WiFi 6E/7, 10 ft (305cm) RG-174 Cable for GNSS, 10 ft (305cm) |
| 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



US Headquarters +1.847.671.6690 • US/CA Toll Free +1.800.648.2800
European Facility +44.1543.459555 • www.MobileMark.com

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