

SMW-208

2X MIMO 5G SURFACE MOUNT ANTENNA

PRODUCT OVERVIEW

The SMW-208 is a medium-sized surface mount antenna that contains two wideband 5G Cellular elements for 2xMIMO coverage. Each element covers 617-960 & 1710-6000 MHz. This antenna offers high performance on both bands for reliable coverage: 3 dBi gain on the lower band and 6 dBi gain on the upper band.

The antenna supports all 5G/LTE/4G cellular bands with 2xMIMO elements for redundancy high data rate throughput.

The compact and attractive antenna measures only 4.2" in diameter and 3.2" in height. It has a very tough, rugged radome and is available in either black or white. Only one hole is required for surface mount installation. Gasket & nut (3/4" dia.) are included for water seal surface mounting. Custom cables and connectors are available upon request. The antenna is not available as a mag-mount.

The antenna is ideal for high data rate IoT applications either fixed site or mobile (vehicular) applications.

Visit our [eStore](#) to purchase an Antenna Online.

Electrical Specifications		
Frequency & Gain	5G/LTE Cables 1&2	617-960 MHz, 3 dBi 1710-6000 MHz, 6 dBi
VSWR	< 2.5:1 max over range	
Impedance	50 Ohm Nominal	
Power Rating	10 Watts	
Ground Plane Required	1ft (305 mm) Diameter minimum	

Mechanical Specifications	
Radome Material & Color	ASA UV-Stable Plastic, Available in Black or White
Radome Dimension	4.20" D x 3.17" H (107 mm x 81 mm)
Standard Connectors	SMA Plugs (Male) for 5G/LTE
Cables 1 - 2	Separate LL-195 1 ft (305 mm) Other cable lengths can be specified
Operating Temperature	-40° to +80° C
Mounting	Threaded metal stud 3/4" dia. x 1/2" long (19 mm x 13 mm) for 1/4" (6 mm) thick metal; Supplied with gasket & nut; other stud lengths available.
Shock & Vibration	IEEE1478, EN 61373, MIL-810G TIA 329.2-C
Water Ingress	IP67 (When Properly Mounted)
RoHS Compliant	Yes



S M W - 2 0 8 - 3 C 3 C - W H T - 1 2
 5G/LTE _____
 Color _____
 Cable Length (in inches) _____

HIGHLIGHTS:

- 2x 5G/LTE
- Frequency Coverage Up to 6000 MHz
- High Performance, High Gain
- Made-in-the-USA & UK

RELATED MODELS:

- LLP208 (2x 5G)
- LLP202 (2x LTE)
- LTM208 (2x 5G)
- CVW208 (2x 5G)

COMMON APPLICATIONS:

- High Capacity Data Transmission on 2x MIMO 5G
- Use with Advanced 5G Routers
- Fixed Site Installations
- Large Volume Data Capture and Transmission
- Supplemental Cellular Coverage for Fleet Management



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