E/M Wave, Inc. engineers and markets a growing line of unique mobile and fixed station communications antenna products. Our primary focus is to maximize the **Antenna Value** in every product to meet or exceed customer expectations! We incorporate unique quality features that deliver more **Value** that our customers can understand, experience, and appreciate. These are the attributes that set us apart from the competition. It’s a **Quality** effort, and it’s the right thing to do!

### New Products

#### Multi-Band iDAS Indoor Ceiling Mount Antenna

- **EM-840004-NJ**
  - 698-960/1710-2700 MHz
  - 2dBi/3dBi/5dBi Gain
  - Plenum rated construction
  - Mounts through any ceiling panel, conductive or non-conductive, up to 1/8 in. (35mm) thick
  - Vertically polarized
  - Mounting hardware included

- **EM-840005-NJ**
  - 698-960/1710-2700 MHz
  - PIM Rated <150 dBc

#### Base Station Omni Directional Antenna

- **EM-B11905**
  - 900-928 MHz
  - 5 dBi / 3 dBi Gain
  - Fiberglass radome, white
  - 100W power handling
  - N jack connector
  - Mounting hardware included

#### Stainless Steel Mounting Bracket

- **EMBKT-016SS**
  - For Mobile and Light Base Station Antenna Installations
  - Accommodates 5/8 in. thru hole mounting for Bulkhead N Type, fixed station antennas
  - Mate with EM-BSA001 to convert mobile ground plane independent antennas for base station, fixed point applications

#### GPS/GLNS5 (L1) Timing Antenna

- **EM-BGT1005S**
  - 1575.42-1615 MHz
  - GPS/GLONASS (L1)
  - 30 dB Gain, Typical
  - High selectively dual filter RF architecture
  - Eliminates high level RFI operating within multi-located basestation environment
  - Impact resistant ASA radome
  - Rugged die-cast aluminum base mount
  - Integrated bulkhead, TNC jack
  - IP66 rated
  - 3/4 in. NPT direct mount

#### 9.5 dBi Yagi Antenna

- **EM-B11809**
  - 760-870 MHz
  - 9.5 dBi / 7.4 dBi
  - Rugged aluminum construction
  - Black powder coat finish
  - Boom: 3/4 in. 6063 aluminum channel
  - Radiators: 3/8 in. 6061 aluminum, solid rod
  - V or H polarization mountable
  - Mounting hardware included
  - Integrated feed cable, 18 in., plenum grade type

#### Base Station Conversion Adapter for GPI Antennas

- **EM-BSA001**
  - NMO to N Type Jack
  - Frequency independent operation for all NMO type antennas
  - Rugged all brass construction with bright nickel plating
  - Integrated NMO sealing surface eliminates ingress potential between antenna and mounting surface or bulkhead
  - Integrated bulkhead O-ring seal to protect electrical enclosures
  - Mounts up to 1/32 in. surface thickness
  - High power handling
  - Mate with EMBKT-016SS to convert mobile ground plane independent antennas for base station, fixed point applications

### Antenna Selection Guide

- **LMR**
- **Public Safety**
- **Homeland Security**
- **4G/LTE**
- **GPS Telematics**
- **Telemetry**
- **In-Building**

**GPS/GLNSS (L1) Timing Antenna**

*White radome availability per special order*

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