



**AMI/AMR
Antennas
& Isolation
Couplers**

High performance wrap-around antennas and isolation couplers for electric, gas and water meters. Available in different styles. WPI engineering team specializes in optimizing antenna integration to help achieve TRP/TIS and FCC requirements.



**Access Point
Infrastructure**

For Access Points and Repeater type applications requiring a True-Omnidirectional coverage pattern with ample Peak Gain and Radiation Efficiency. Available in different connector and mounting styles.



**MIMO
Antennas**

2X2 and 3X3 MIMO antennas with Pattern & Polarization Diversity for both terminal units and repeater systems. These are industrial grade and designed to withstand harsh environments.



**Wall & Ceiling
Mount**

Broadband wall and ceiling mount antennas that are surface independent. These can be mounted to metallic or non-metallic surfaces without altering the performance. These work at LTE, 4G, 3G, ISM, GPS, Wi-Fi & WiMAX bands.



**Low Profile
Body Mount**

High performance and low profile body mount, industrial grade antennas. Available in multiple RF Bands. They are extremely efficient for their compact size. Can be configured with different cable/connector styles & lengths.



**Stubby
Whips &
Dipoles**

Stubby Antennas built on the framework of Whips and Dipoles. The gains of these antennas have been optimized for delivering optimal efficiency.



**Hepta-band
Embedded**

SMD style ultra wide-band antenna covering frequencies from 800 to 2500 MHz. This patented Micro-Hepta design is specifically designed for M2M applications to reduce the antenna design and integration effort on the clients' part.



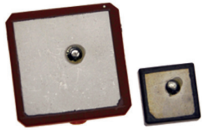
**Miniaturized
Multi-band
Embedded**

Available in Flex, Stamped Metal, Plastic and Chip styles. These are an excellent choice for applications with very tight space constraints and where low cost solutions are desired.



**Body Mount /
Mag Mount
Vandal
Resistant**

Extremely durable and conformal multi band antennas that are vandal resistant. Available in both body mount and mag mount styles. IK rated.



**GPS/GLONASS
 Patches and
 Active Modules**

High Performance GPS/GLONASS Patch antennas and GPS/GLONASS + LNAs + Saw Filter/Patch antenna modules in a variety of size options ranging from 10X10mm to 25X25mm.



**High Gain
 Omni
 Directional**

High Gain Pole Mount Access Point antennas for Smart City and Infrastructure applications.

**CUSTOM
 DESIGN
 SERVICES**

**Very Fast
 Design
 Cycle**

Antennas can be designed to operate in any frequency band/bands for your specific application, performance and cost requirements.

R&D Laboratory



- Onsite antenna engineering laboratory with technically advanced RF/Microwave test & measurement equipment.
- 3D/2D near-field and far-field, super-fast and fully automated antenna radiation characterization systems.
- Experienced engineering staff that has designed antennas for various applications ranging from military to consumer wireless.
- Precise mechanical tools that aid in designing and manufacturing antennas in various manufacturing technologies, such as, Ceramics, Stamped Metals, Plastics, LTCC, Flex PCB and more.
- Offshore manufacturing relationships and partnerships with reputed factories in Asia for over 40 years.
- Antennas and antenna systems that operate in several frequency bands such as, GSM/GPRS/DCS/PCS/UMTS/WCDMA/CDMA/TDMA/AMPS/EDGE, WiFi, Bluetooth, WiMax, RFID, ISM Band, UWB, GPS and GLONASS can be designed & tested successfully.
- Regulatory testing capability that ensures that the antennas designed comply with safety and performance standards set by FCC, PTCRB and others.

