

INTRODUCING ANTENNAS FOR 5G, NB-IOT AND LTE-M

- 600 MHz to 6 GHz frequency bands coverage with robust RF performance
- System design flexibility
- Quick time-to-market



TE Connectivity's (TE) antennas for 5G, NB-IoT and LTE-M are able to provide a variety of band solutions ranging from 600 MHz to 6 GHz. They can address wide frequency band and various bandwidth demands from cellular Internet of Things (IoT) devices, helping to enable lower latency and higher peak data rateconnection of 5G network and cellular low-power wide-area network (LPWAN) communication.

KEY BENEFITS

- Frequency bands coverage: 600 MHz to 6 GHz
- Address wide variety of frequency band request from 5G and cellular LPWAN
- TE RF engineering competence can enable optimal performance
- Available with multiple mounting types: board mount (tab and surface mount), embedded antennas, terminal and external mount
- Broad cable length and connector options available
- Ready to use with no tuning
- Customization, miniaturization and complex multiple antennas assemblies can be readily available through TE's comprehensive design approach and guidance in implementation

APPLICATIONS

- Small cell: femtocell, picocell
- WLAN devices: gateways, access points, routers
- IoT devices: acoustic, entertainment, POS, smart health
- Tracking devices
- Smart building and smart city devices

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