

# **TE'S ANTENNAS** FOR 5G, NB-IOT AND LTE-M

Offering cellular Internet of Things (IoT) devices frequency bands ranging from 600 MHz to 6 GHz

### **EVOLUTION OF CELLULAR GENERATIONS**



5G will bring 10x to 100x improvement over the existing 4G LTE. Cellular LPWAN is important to make our life intelligently connected. NB-IoT and LTE-M are LPWAN radio technology standards with the former one focusing on indoor, low-cost, long battery life and high-density connection, and the latter one concentrating on machine-to-machine communication



#### Wide band coverage with robust **RF performance**

- Offer frequency band and bandwidth solutions ranging from 600 MHz to 6 GHz
- TE RF engineering competence can enable optimal performance
- Help to enable lower latency and higher peak data rate connection of 5G, and LPWAN communication

### **Offer system design flexibility**

- Available with multiple mounting types
- Broad cable length and connector options available
- Ready to use with no tuning

#### **Quick time to market**

• Customization, miniaturization and complex multiple antennas assemblies can be readily available through TE's comprehensive design approach and guidance in implementation

## APPLICATIONS

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Small Cell	WLAN	IoT Devices
Femto, Pico Cells	Gateways, AP's, Routers	Acoustic, POS, Smart Medical / Health Devices, Entertainment
Tracking	Smart Buildings	Smart Environment
Telematics, OBD (On-board Diagnostics) Asset Tracking	Security, Surveillance, Lighting	Metering, Street Lighting, Industrial IoT, Energy Management, Predictive Maintenance





#### **<u>Click</u>** or scan the QR code to learn more



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