

TE Connectivity's Embedded Antennas for LTE Applications

LAUNCH DATE: August 2014

Introducing TE Connectivity's (TE) new embedded antenna product covering virtually all cell bands in one compact design. This LTE band antenna using MetaSpan technology offers greater bandwidth in a smaller physical package in support of 3G to 4G migration in the cellular industry. Our standard antennas designed for 3G wireless applications are applied to a wide range of cellular products. The introduction of these 4G LTE antennas expand the possibilities to create wireless devices with outstanding 4G performance.



Embedded Antennas for LTE applications

BENEFITS

- Enable global 4G cellular coverage in a single compact antenna design
- Offer a reduced size antenna solution compared to traditional approaches
- Achieve a cost effective antenna design supported by TE's manufacturing technology and expertise.
- Supported by a global footprint with manufacturing locations for quick time-to-market solutions

APPLICATIONS

- 4G/LTE
- Cellular wireless connectivity
- Wireless alarm, security and monitoring systems
- Smart grid
- Fixed wireless terminals
- Small cells
- Access points

STANDARDS & SPECIFICATIONS

Frequency Range(MHz)	698-960; 1710-2170; 2300-2700
Peak Gain	+ 3.5 dBi
VSWR	< 3.0:1 tunable
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Power Handling	3 Watt cw
Feed Point Impedance	50 Ω unbalanced
Size	74.0 mm x 10.56 mm x 1.57 mm
Weight	2.55 g

LEARN MORE

- [Antenna Product Overview Page](#)
- [Antenna Product Webpage](#)
- [Embedded Antenna Product Flyer- 2118310-1](#)

