ENABLING VAST WIRELESS CONNECTIVITY TO UNLEASH YOUR IOT POTENTIAL IN SMART BUILDING

Every second, another

127

devices are connected to the internet

There may be

41 Billion

IoT devices by 2027

There may be

1.9 Billion

5G cellular subscriptions by 2024

DID YOU KNOW?

The Smart Building Market is projected to grow from

USD 60.7 Billion

2019

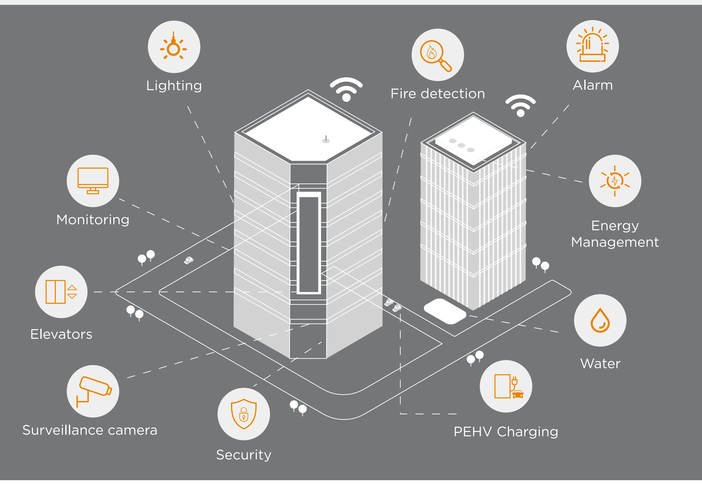
To

USD 105.8 Billion

by **2024** at a 11.7% growth rate

CAGR of 11.7%

TE Connectivity (TE) is a leading provider of standard embedded and external antenna solutions that can enable reliable wireless connectivity.



Benefits

Clean, free of transmission interferences

High efficiency antenna (signal performance)

Compact designs

Micro cells and small cells are commonly needed to enable 5G performance inside buildings

Engineering support & expertise to help deliver success for IoT Design engineers

Antenna Solutions

Wireless servers: Gateway

Wireless clients

4X4 MIMO (Wi-Fi With Cellular)

MIMO assembly capability with TE's RF integration service

Extensive contiguous clean spectrum

System design flexibility

Quick time-to-market

NB-IoT / CAT-M Antenna
product #2108784-1

Omnidirectional coverage

On board SMD PCB antenna

Wide Band coverage for 3G, 4G and 5G with GNSS

Bandwidth and performance dependent on ground plane size/ design suggested minimum ground plane length from antenna feed is 120mm

Available in tape & reel packaging for automatic mounting

Wi-Fi 6E Antenna
product #2108792-1

Extensive contiguous clean spectrum

For use in Wi-Fi 6, Wi-Fi 6E, Bluetooth and Zigbee certified products

Adhesive backing on the FPC simplifies mounting within the device

Global frequency coverage

FPC antenna assembly

Different cable length and connector options available

System design flexibility

Quick time-to-market

GNSS / WLAN Combination Antenna
product #2195760-1

Combination antennas : GNSS and WLAN dual band antenna

FPC antenna assembly

Minimum or no matching circuits required

Bandwidth and performance are not dependent on ground plane size

System design flexibility

Quick time-to-market

TE Connectivity portfolio benefits

20+ Years of Know How

We can address your expectations and help unleash your IoT potential by offering many wireless possibilities.

- High reliability: high performance and isolation
- High efficiency: optimized throughput, minimal losses
- State of the art antenna laboratories and in-house testing
- Easy implementation reducing total cost of ownership
- Improved sensitivity delivering excellent coverage
- Mating RF components available for greater flexibility

te.com/IoT-Antenna

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