



WIRELESS REMOTE RADIO UNITS

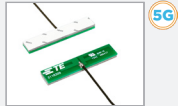
TAKING 5G & IOT HEAD-ON

Smart cities, smart homes and self-driving cars are demanding unprecedented coverage and speed requirements. From rural towers to urban placements, the press is on to design next-generation wireless radio systems that can handle the inevitable increase in mobile and cellular IoT devices.

Turn to We for innovative and proven, reliable solutions including ruggedized connector sealing systems, RF, antenna design, and high-performance power and signal products.

ANTENNAS AND RF

Standard and custom high-performance antennas for operation on most networks in regional or international markets.



Embedded Antennas

A range of products supporting low profile wireless connectivity for 4G and 5 GHz Wi-Fi applications.



Board Level Shielding (BLS)

EMI shields that minimize crosstalk in tightly designed systems.



RF Connectors

A wide array of RF and standard coax connectors for wireless systems.

PROCESSING

We have a range of solderless, compression-mount socketing solutions.



Land grid array (LGA) Sockets

Socket technology for microprocessor packages up to 3647 positions.

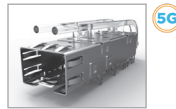
INPUT/OUTPUT (I/O)

Product satisfaction and network reliability depends on reliable I/O connectivity.



microQSFP Interconnects

The next generation of pluggable I/O. These connectors provide a higher density with superior thermal performance.



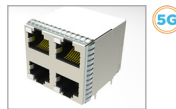
SFP/SFP+ Connectors

SFP+ interconnect system supports data rates of 10 Gbps signal speeds and is backward compatible with SFP. Many cage configurations offered provide excellent shielding options.



QSFP/zQSFP+ Connectors

Our quad small form factor pluggable (QSFP) portfolio of interconnects offers a large range of simple and customizable design options.



RJ45 Connectors

TE's jacks and plugs offer reliable and space saving solutions for flexible and time-saving installation, even in harsh environments.

BOARD-TO-BOARD & FLEX

TE's free height surface-mount connectors address today's industry requirements for high density packaging.



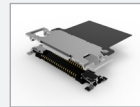
Flexible Printed Circuit (FPC)

Space-saving, angled insertion connectors that can be placed in a wide range of PCB locations.



Free Height Connectors

These versatile connectors are useful for downsizing applications that require parallel stacked circuit boards.



Board-to-Flex Connectors

Full shielding provides EMI protection for high-speed data transmission.



Spring Fingers

Tiny, scalable, surface mountable contacts allow designers to fit grounding solutions almost anywhere.

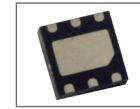
SENSORS

Compact, reliable sensors can help protect your network RRUs.



Temperature Sensors

Accurate temperature monitoring for energy efficiency.



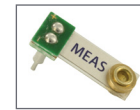
Humidity Sensors

Protect your products with sensors that can warn of high humidity.



Tilt Control Sensors

Provide accurate 2-axis tilt measurements in degrees with a digital output and rugged package.



Shock Sensors

A low cost, highly sensitive piezoelectric element designed for PC Board mounting.

CABLE ASSEMBLIES

Our selection of cable assemblies range from simple jumpers to power and high-speed data cables to complex harnesses.



Pluggable I/O Cable Assemblies

From SFP to microQSFP, TE's high speed pluggable I/O copper cable assemblies are engineered for 25 Gbps and beyond.



FullAXS Mini Connectors

Next generation WiMAX and x-TTA connectivity designs require slim but rugged and easy-to-install cable assemblies for outdoor use.

POWER

From internal and semi-internal to external power interconnects, TE keeps your power flowing.



ELCON Mini Connectors

These interconnects provide confidence in system performance with their low resistance, highly reliable interface.



DC Jack Connectors

Our rectangular DC jack connectors offer faster charging 10A in a USB size format.