



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 TE Connectivity (TE) for innovative

and proven, reliable solutions including ruggedized connector sealing systems, RF, antenna design, and high-performance power and signal products. Our leading connectivity expertise in combination with our broad portfolio of solutions allows us to provide you with a value engineered solution to address your critical application requirements.

FIND OUT MORE
te.com/RRU



ANTENNAS AND RF	INPUT/OUTPUT (I/O)	BOARD-TO-BOARD & FLEX	SENSORS	POWER
<p>Standard and custom high-performance antennas for most networks in regional or international markets.</p> <p>5G Embedded Antennas A range of products supporting low profile wireless connectivity for 4G and 5 GHz Wi-Fi applications.</p> <p>5G Board Level Shielding (BLS) EMI shields that minimize crosstalk in tightly designed systems.</p> <p>5G RF Connectors A wide array of RF and standard coax connectors for wireless systems.</p>	<p>Product satisfaction and network reliability depends on reliable I/O connectivity.</p> <p>5G microQSFP Interconnects The next generation of pluggable I/O. These connectors provide a higher density with superior thermal performance.</p> <p>5G 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.</p> <p>5G QSFP/zQSFP+ Connectors Our quad small form factor pluggable (QSFP) portfolio of interconnects offers a large range of simple and customizable design options.</p> <p>5G RJ45 Connectors TE's jacks and plugs offer reliable and space saving solutions for flexible and time-saving installation, even in harsh environments.</p>	<p>TE's free height surface-mount connectors address today's industry requirements for high density packaging.</p> <p>Flexible Printed Circuit (FPC) Space-saving, angled insertion connectors that can be placed in a wide range of PCB locations.</p> <p>Free Height Connectors These versatile connectors are useful for downsizing applications that require parallel stacked circuit boards.</p> <p>Board-to-Flex Connectors Full shielding provides EMI protection for high-speed data transmission.</p> <p>Spring Fingers Tiny, scalable, surface mountable contacts allow designers to fit grounding solutions almost anywhere.</p>	<p>Compact, reliable sensors can help protect your network RRUs.</p> <p>Temperature Sensors Accurate temperature monitoring for energy efficiency.</p> <p>Humidity Sensors Protect your products with sensors that can warn of high humidity.</p> <p>Tilt Control Sensors Provide accurate 2-axis tilt measurements in degrees with a digital output and rugged package.</p> <p>Shock Sensors A low cost, highly sensitive piezoelectric element designed for PC Board mounting.</p>	<p>From internal and semi-internal to external power interconnects, TE keeps your power flowing.</p> <p>5G ELCON Mini Connectors These interconnects provide confidence in system performance with their low resistance, highly reliable interface.</p> <p>DC Jack Connectors Our rectangular DC jack connectors offer faster charging 10A in a USB size format.</p> <p>RAPID LOCK No install tools required for this fast, reliable replacement for power lugs.</p> <p>ICCON Provide a reliable high current power interconnection with a quick connect/disconnect function for space constrained applications.</p> <p>FORGE Drawer Connectors Modular interconnects for power and signal transfer in a variety of applications. Modular tooling enables extensive customization options.</p>
CABLE ASSEMBLIES				
<p>Our selection of cable assemblies range from simple jumpers to power and high-speed data cables to complex harnesses.</p> <p>5G 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.</p> <p>5G FullAXS Mini Connectors Next generation WiMAX and x-TTA connectivity designs require slim but rugged and easy-to-install cable assemblies for outdoor use.</p>	PROCESSING			
	<p>We have a range of solderless, compression-mount socketing solutions.</p> <p>5G Land Grid Array (LGA) Sockets Socket technology for microprocessor packages up to 3647 positions.</p>			