



## SMARTPHONES, TABLETS AND ULTRAPORTABLE PCS

### SOLUTIONS FOR ALWAYS-ON MOBILE CONNECTIVITY

Today's handheld and portable devices are smaller, lighter and have more performance requirements than ever before. TE Connectivity (TE) has a broad range of space-saving, high-performance interconnects that can help you meet the unique engineering challenges of always-on, data hungry mobile devices.

From antennas and memory cards to EMI shields and battery connectors, we can help you create a solution that meets the design specifications for your device in a data driven world.

FIND OUT MORE  
[te.com/mobilesolutions](http://te.com/mobilesolutions)



## INTERNAL INTERCONNECTS

**Reliable interconnects designed for today's miniaturized market.**



### Flexible Printed Circuit (FPC)

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



### Compressive Board-to-Board (BTB)

Low-cost power and signal solutions in a small form factor.



### Fine Pitch Board-to-Board (BTB)

0.4 mm pitch plus new shielded board-to-FPC solutions for smaller, thinner applications.



### M.2 Next Generation Form Factor (NGFF)

Save more than 20% of PCB real estate compared to the PCIe Mini Card.

## INPUT/OUTPUT (I/O)

**Cables assemblies and connections designed for reliable, long-term use within a range of devices.**



### USB Cables

Standard cables and customized solutions for a range of interface combinations.



### IP68 & Micro USB

IP68 rated micro USB ports for resilient devices.



### Audio Visual (AV) Jack

A range of reliable circular I/O connectors available in SMD or compressive mounting styles.

## ANTENNAS

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



### Standard Embedded Antennas

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



### Custom Antennas

TE can help integrate wireless connectivity into other device assemblies to help save valuable space in slim devices.

## SHIELDING AND GROUNDING

**Limit interference with customizable shields and contacts for complex devices.**



### Board Level Shielding (BLS)

EMI shields that minimize crosstalk in complex devices without affecting system speed.



### Spring Fingers

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

## POWER

**Low profile interconnects offer design flexibility with a number of positioning options.**



### Battery Connectors

Balance current carrying capabilities, ensure higher amps, and support fast charging times with a range of solutions.

## RADIO FREQUENCY (RF) CONNECTORS

**Effective, low-cost switching connectors enable hands-free operation of mobile devices.**



### Switching Coax

High force contacts increase connection reliability in a range of low-profile products.

## MEMORY CARD CONNECTORS

**A range of card connector sizes and broad design freedom allows designers to find the best product for their specific need.**



### SIM/SD

Large array of options including block, tray, and combo connectors.

## CIRCUIT PROTECTION

**Protect and keep your device running longer with power and Electrostatic Discharge (ESD) protection.**

[Learn more.](#)

## SENSORS

**Compact, reliable sensors can help monitor a device's long term, easy operation.**

[Learn more.](#)