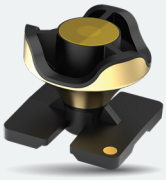
UWB TECHNOLOGY

ANTENNA PORTFOLIO

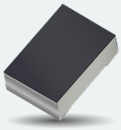
Ultra-Wide Band (UWB) is a technology covering short-range and high-bandwidth communications using a low energy level. It enables high accuracy (a few centimeters error) in distance measurements.

DIVERSE UWB PORTFOLIO FOR ALL TYPES OF DEVICES

High Directivity, Ideal for Anchors



Constant Phase in All Directions, Ideal for Anchors



Small Size, Ideal for Tag

APPLICATIONS:

- » Logistics
- » Smart Home/Cities
- » Healthcare (Class I)
- » Contactless Payment
- » Radar
- » Tracking
- » Key Fobs
- » IoT Devices

SCAN FOR MORE INFO

WWW.KYOCERA-AVX.COM

UWB TECHNOLOGY
ANTENNA PORTFOLIO

KYOCERA AVX

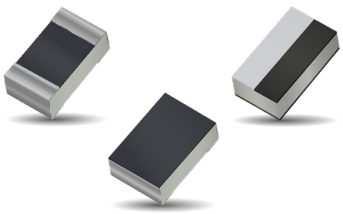
On-Board Antenna Solutions

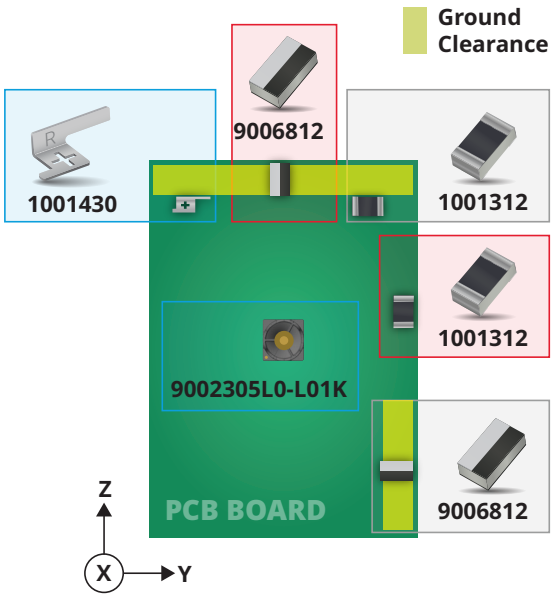
STAMPED METAL ANTENNA 1001430

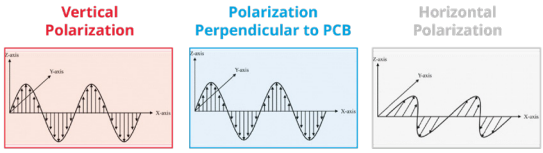
Channel 5 / 9
Corner Placement
Dimensions: 8.75 x 4.05 x 2.01 mm

UWB ULTRA-SMALL CHIP ANTENNA MONOPOLY TYPE 1001312 / 9001978 / 9006812

Channel 5 / 9 / 10 / 12
9006812 Corner Placement
2.0 x 1.2 x 0.5 mm / 1.00 x 0.55 x 0.40 mm / 1.00 x 0.58 x 0.35 mm

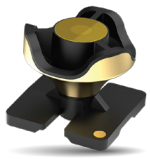






TULIP UWB LDS ANTENNA 9002305L0-L01K

Channel 5 / 9
Constant Phase at 360°
On Ground
6.40 x 6.40 x 5.58 mm

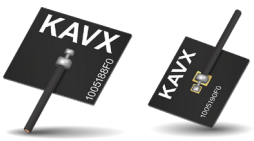


UWB PATCH ANTENNA 9003347

Channel 9
8.6 x 8.6 x 5 mm
Directional - Peak Gain 6.2 dBi
6.40 x 6.40 x 5.58 mm

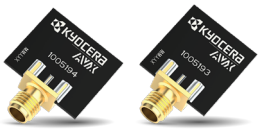
Off-Board FPC Antenna Solutions (Cable Mount)

6 - 8.5 GHz (Channel 5 /9)
Middle / Side Cable

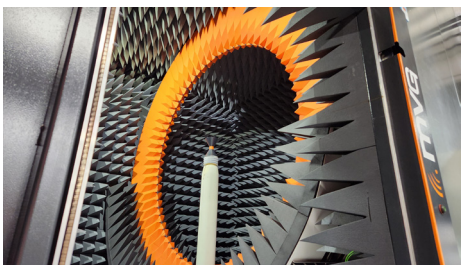


Off-Board PCB Antenna Solutions (SMA Mount)

6 - 9.5 GHz (Channel 5 / 9 / 10 / 12)



Advanced Testing Capabilities for UWB Systems



Improve your system accuracy for AoA (Angle of Arrival) / ToF (Time of Flight) by optimizing:

- Fidelity Factor
- Group Delay
- Phase Distribution / Phase Difference of Arrival (PDoA)

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