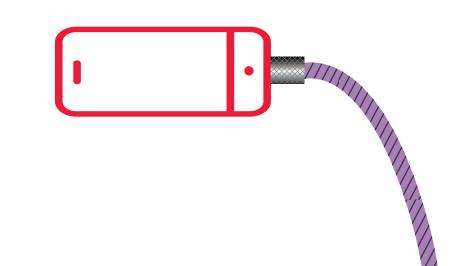
# Millimeter-Wave: **Details Matter for** Successful Measurements

Measurements at millimeter-wave frequencies require extra care. Decisions that may not impact measurement at lower frequencies can lead to connection loss or compromises in accuracy and repeatability at higher frequencies. Device specifications, power requirements, and test conditions will influence the optimal setup. Pay close attention to the details for successful millimeter-wave measurements.

### **Start: Connect Device**

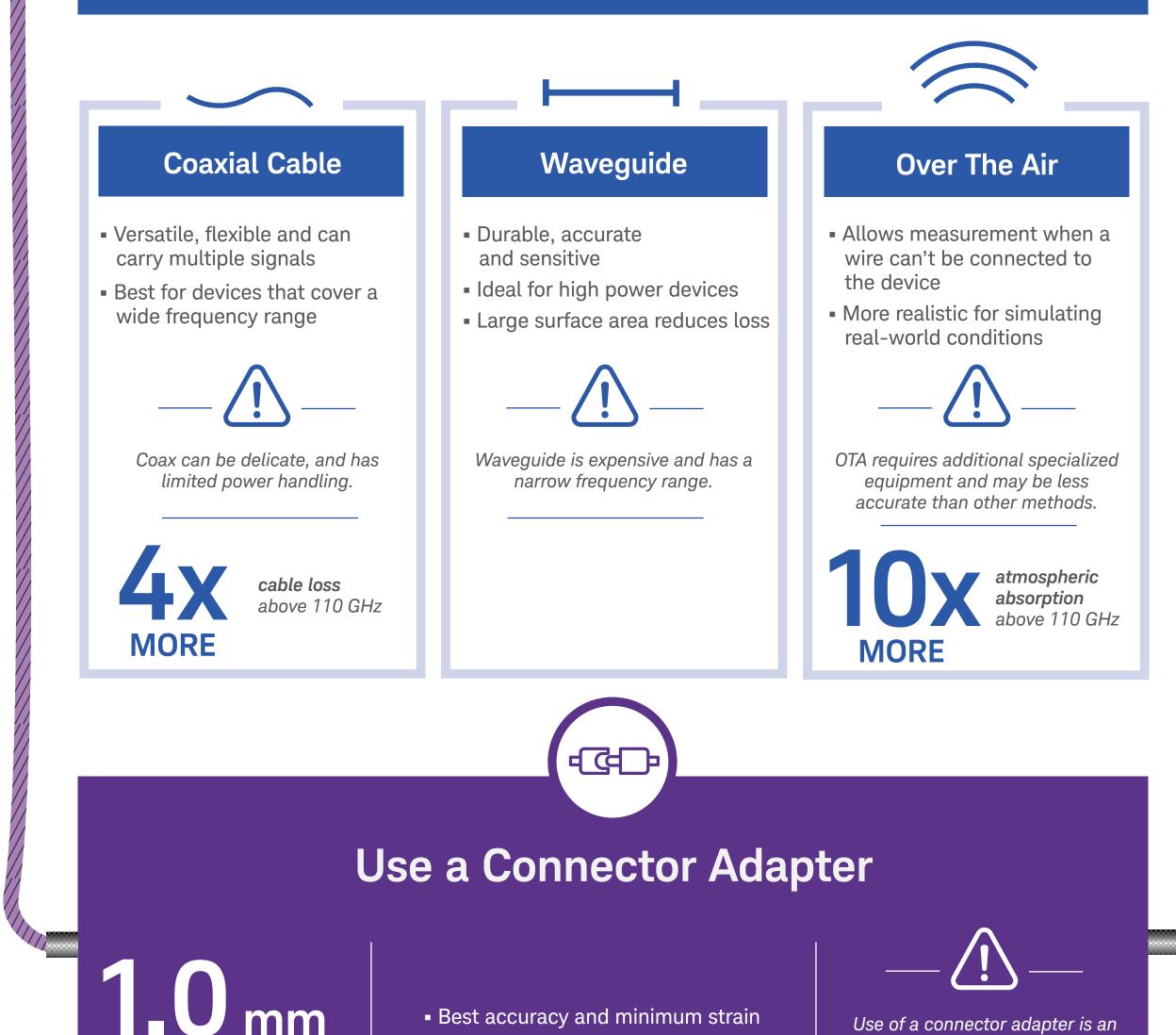






### **Choose Your Conduit**





Use of a connector adapter is an



4 in-lb

**TORQUE VALUE** 



## **Adjust Torque**

Maintain consistent mechanical alignment

**Choose Your Test Equipment** 

Ensure accuracy and repeatability

Excessive tightening or loose connections can affect calibration. Torque values can vary. Consult your manufacturer for exact torque.



Signal Analyzer with Continuous Frequency Coverage



**Signal Analyzer** with Frequency Extender

#### End: Successful Millimeter-Wave Measurement



Learn how to increase the accuracy of your millimeter-wave measurements with these resources: www.keysight.com/find/mmwavemeasurement

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