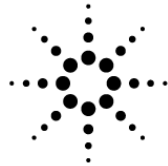


# Connector Care Quick Reference Card

**Proper connector care and connection techniques are critical for accurate, repeatable measurements, and for extending the life of your devices.**

**Prior to making connections, be sure to read all of the connector care information provided with your product.**

**See the reverse side of this card for quick reference tips on proper connector care.**



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# Principles of Microwave Connector Care

## Quick Reference Card

### Handling and Storage

#### Do

- Keep connectors clean
- Extend sleeve or connector nut
- Use plastic end caps during storage

#### Do Not

- Touch mating-plane surfaces
- Set connectors contact-end down

### Visual Inspection

#### Do

- Inspect all connectors carefully before every connection
- Look for metal particles, scratches, and dents

#### Do Not

- Use a damaged connector - ever

### Connector Cleaning

#### Do

- Try compressed air first
- Use isopropyl alcohol<sup>1</sup>
- Clean connector threads

#### Do Not

- Use any abrasives
- Get liquid into plastic support beads

### Gaging Connectors

#### Do

- Clean and zero the gage before use
- Use the correct gage type
- Use correct end of calibration block
- Gage all connectors before first use

#### Do Not

- Use an out-of-spec connector

### Making Connections

#### Do

- Align connectors carefully
- Make preliminary connection lightly
- Turn only the connector nut
- Use a torque wrench for final connect

#### Do Not

- Apply bending force to connection
- Overtighten preliminary connection
- Twist or screw any connection
- Tighten past torque wrench "break" point

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<sup>1</sup>Use isopropyl alcohol in a well-ventilated area, allowing adequate time for moist alcohol to evaporate and fumes to disperse prior to energizing equipment.