

# INSTRUCTIONS FOR CONNECTING ANRITSU 3671V50-X CABLES TO ANRITSU 37000 SERIES VNA

These cables (Figure 1) extend the VNA Port 1 and Port 2 connectors such that the test port is effectively moved to the ends of the 3671V50-X cable.



**Figure 1.** 3671V50-X Cables

Instructions for connecting these cable are provided below.

## Required Equipment

1/2 inch wrench (Anritsu 01-202 or equivalent thin 1/2-inch open-end wrench)

3/4-inch open-end wrench

**Step 1.** Using the 1/2-inch wrench, carefully remove the test ports from Port 1 and Port 2 (Figure 2). The ports are labeled "34YV50."



**Figure 2.** Removing Test Port

**Step 2.** Very carefully install the 34YV50 ports to the male end of the 3671V50 cable (no visible center conductor). Hold the cable using a 3/4-inch wrench, and tighten the the 34YV50 using the 1/2-inch wrench (Figure 3). *Do not over-torque.*



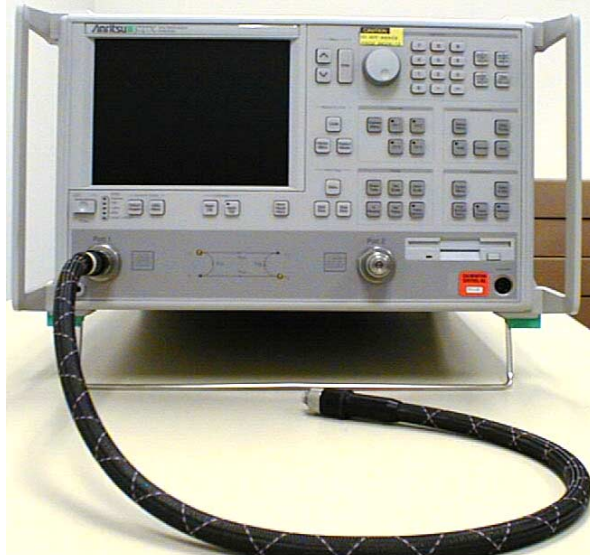
**Figure 3.** Installing Test Port on End of Cable

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## **CAUTION**

Improper installation of the connector in the next step may damage the center pin on Port 1 and/or Port 2.

**Step 3.** Very carefully install the female end of the 3671V50 cable (center conductor is visible) to the VNA test port (Figure ). Tighten the cable using a 3/4-inch wrench. *Do not over-torque.*



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**Figure 4.** VNA with 3671V50-X Cable Installed