

S E R V I C E N O T E

SUPERSEDES: None

5347A Portable CW Microwave Counter/Power Meter

Serial Numbers: 3009A01790 / 3009A01820

Missing teflon barrel guide in fused "input 2" BNC connector**Duplicate Service Notes:**

5347A-10

5348A-10

5350B-08

Tools Required: 7/16 inch nut driver long-nose pliers**Parts Required:**

Part No.	Qty.	Description
1250-1899	1	BNC Connector

To Be Performed By: Agilent-Qualified Personnel**Situation:**

The BNC connector (P/N 1250-1899) contains a small axial fuse guided in position by a Teflon barrel. The only purpose of the internal barrel is to assist in positioning the fuse during installation or replacement, so that it contacts only the center conductor of the BNC.

Continued

DATE: January 1996

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	Labor 0.5 Hour
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: DC	ENTITY: 0200	AGILENT RESPONSIBLE UNTIL: January 1997	
		ADDITIONAL INFORMATION:	

A limited number of the above model number were produced that did not have this Teflon barrel included. In all cases, the instrument performs to its specifications, but future replacement of the fuse could be made more difficult without the barrel. We recommend that this barrel be installed whenever the instrument is received for calibration, maintenance, testing, or repair.

Obtaining parts:

Agilent will supply the entire BNC connector assembly as a single part upon request, free of charge. This part can be disassembled to retrieve the teflon barrel for use in the modification. Contact your local Sales or Service office for assistance in obtaining the part.

Procedure:

1. Ensure that the instrument is eligible for the change by first locating its serial number on the rear panel and then referring to the serial numbers indicated above.
2. Locate the "INPUT 2" connector on the front panel. This is referenced in the exploded diagram as "J2"
3. Remove the BNC housing with the 7/16 inch tool.
4. As the BNC shell is pulled out, the fuse should come out with it. If not, use a long nosed plier to assist in removing the fuse. Set aside the fuse for use later.
5. Tip the instrument forward (front downward). If the Teflon barrel is present, it will slide out.
6. Obtain a replacement Teflon barrel (if necessary), by disassembling connector assembly (P/N 1250-1899).
7. Place the teflon barrel into the connector body. Insert it with the smaller-diameter first.
8. Replace the fuse and BNC shell and tighten with the 7/16 inch tool.