

S E R V I C E N O T E

SUPERSEDES: NONE

37718A Comms Performance Analyzer

Serial Numbers: GB00000000/GB00000700

Build Code below 2:47

Replacement of short semi-rigid mmxc links with more flexible type for improved reliability

To Be Performed By: Qualified Personnel

Parts Required:

P/N	Description	Qty
37717-60249	Short sucoflex mmxc links approx 25mm	5

Situation:

The short mmxc module interconnection links fitted to the above units can spring out of position.

A more flexible, low profile type were introduced, reducing the stress on the connection retainers.

Continued

DATE: August 2000

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 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" 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 type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: DB	ENTITY: E610	AGILENT RESPONSIBLE UNTIL: January 2001	
		ADDITIONAL INFORMATION:	



Solution / Action:

When any of the above units are in for service take the opportunity to check the type of link fitted and replace with the later type.

Location:

These links are fitted between the Clock Module Multirate Analyzer and the Optical Modules.

Examples of early and later type.



Figure 1 Early type semi-rigid short mmxc Module Interconnection Link



Figure 2 Later type semi-rigid short mmxc Module Interconnection Link

Continued

Checking which type are fitted:

1. Observe the links fitted by looking through the vent holes on the right-hand side of the instrument above and below the Optical, Multirate and Clock modules.

NOTE: Only the short mmxc links are to be replaced (approx 25 mm between connections).

Replacement Procedure

1. Remove instrument cover to gain access. Refer to 37718/19A Service Documentation - URL:

http://hpweb.sqf.hp.com/QTO_ProdSupp/hp37718_19a.htm

2. Remove the early type short semi-rigid mmxc links and replace with the later type. To ensure the links do not obstruct the instrument cover, they should be carefully formed into the 'C' and 'S' shapes as shown below. Do not form/reform as this can weaken the link outer connection.



Figure 3. Forming 'C' and 'S' shapes.

3. Ensure the new links 'CLICK' into position indicating that retaining clip has locked.
4. Refit the instrument cover as described in the 37718/19A Service Documentation - URL:
http://hpweb.sqf.hp.com/QTO_ProdSupp/hp37718_19a.htm
5. Run the Confidence Tests as described in the instrument Operation and Verification manual.