

S E R V I C E N O T E

SUPERSEDES: None

3764A Digital Transmission Analyzer

Serial Numbers: 2847U02888 / 9999U99999

To Improve Return Loss on Options 001, 005 and 006**Parts Required:**

Part No.	Description
9170-0817	Ferrite Bead

Situation:

The HDB3 options of the 3764A exhibit poor return loss when rates of 34Mb/s and lower are selected. This is caused by the stray capacitance of a long trace carrying the HDB3 signal on the A11 board, and can be corrected by adding inductance in the form of a ferrite bead to the in-line fuse, F1 on the 03764-60411 assembly.

Solution/Action:

Add ferrite bead 9170-0817 on the 3764-60522 assembly.

DATE: October 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: Labor 1.0 Hour	
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☒ ON-SITE ☐ SERVICE CENTER	SERVICE INVENTORY: ☐ RETURN ☐ SCRAP ☐ SEE TEXT	USED PARTS: ☐ RETURN ☐ SCRAP ☐ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
AUTHOR: PAC	ENTITY: 1400	ADDITIONAL INFORMATION:	