

COMSPHERE 3821Plus 6-Port DTE Interface Assembly (Feature 3821-F1-002) Installation Instructions Document Number 3821-A2-GZ40-10

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6-Port DTE Interface Assembly Installation

The following instructions are intended for use in conjunction with the *COMSPHERE 3821Plus Modem User's Guide* (3821-A2-GB20). Please read the Important Safety Instructions in that document before proceeding with the installation.

Install the NIM

The DTE interface assembly covers the network interface module (NIM), so the NIM must be installed first. The 3821Plus modem requires one of the following NIMs:

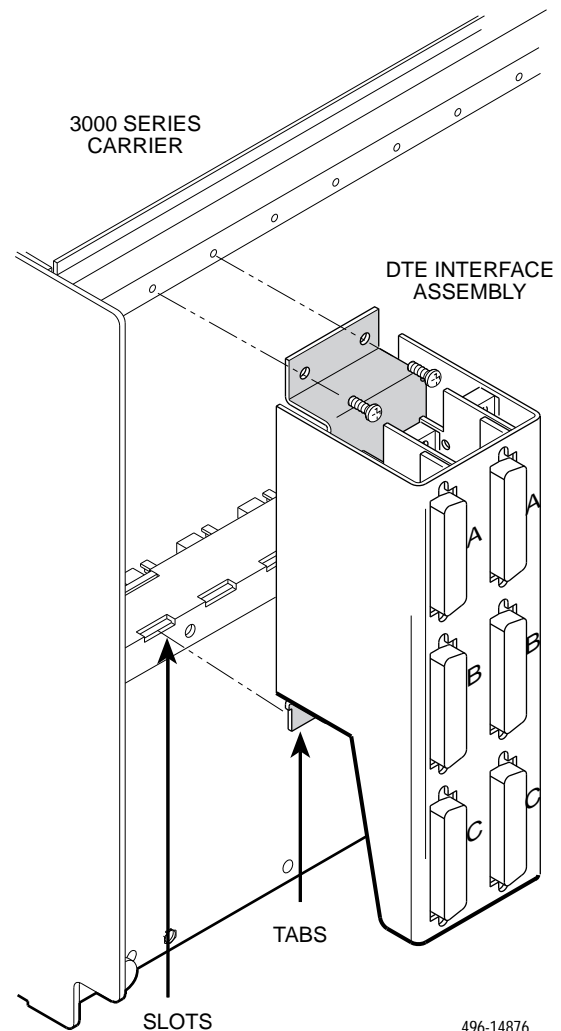
- Part number 3000-F1-027 (3821Plus NIM with Make Busy and Service Line Features), or
- Part number 3000-F1-028 (3821Plus NIM without Make Busy and Service Line Features)

Install the NIM and connect its cables according to the instructions in the user's guide. Communications adapters designed or configured for a 4-wire leased line, Digital Data Service, or programmable PSTN interface cannot be used with a 3821Plus NIM, and should not be installed in the same side of the carrier.

Loosely Attach the DTE Interface Assembly

The 6-port DTE interface assembly can be mounted over any two adjacent slots on the left or the right side of the carrier. If you are installing only one NIM for 3821Plus modems, the DTE interface assembly must be mounted on the same side of the carrier as the NIM.

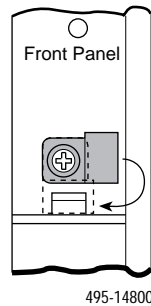
1. Feed the tabs at the bottom of the DTE interface assembly into the slots in the carrier. See the illustration below.
2. Insert the screws provided. After tightening them, loosen them one turn. You will tighten them in a later step.



Install the Circuit Cards

The 6-port interface assembly serves two circuit cards in adjoining slots.

1. Slide the 3821*Plus* card into its slot in the 3000 Series Carrier. Press firmly until the back edge of the card seats in the socket of the DTE interface assembly.
2. Lower the circuit pack lock until it is vertical, locking the 3821*Plus* card in place.



3. Insert the second card, following steps 1 and 2.
4. When both cards are installed and locked in place, tighten the screws on the DTE interface assembly.

The illustration on page 1 shows the DTE interface assembly installation for 3821*Plus* cards in slots 15 and 16 of the carrier.

Connect the DTE

You can use two different kinds of cables to connect each 3821*Plus* modem to a DTE:

- An RS-232 cable with DB25 connectors, or
- An 8-pin modular cable with a DB25 to 8-position modular adapter for each end

The connectors on the DTE interface assembly are labeled, from top to bottom, **A**, **B**, and **C**. These markings show which modem on a card is associated with each DTE connector.

1. Connect the DB25 adapter or the connector on an RS-232 DTE cable to one of the DB25 connectors on the DTE interface assembly. Use a small screwdriver to fasten the connector to the interface assembly.
2. Connect the DB25 adapter or connector on the cable to the DB25 connector on the DTE. Use a small flat-blade screwdriver to fasten the cable to the DTE.