

INSTALLATION NOTE



1. Description

The TII 97C ADSL POTS Splitter Module is designed for use at the subscriber premises in a CAC® NI-2000 Series NID. This module houses electronics known as a “POTS Splitter”. The POTS Splitter allows both voice and data signals to travel over the telephone line. This device splits the combined signal to provide separate outputs for both phone and data. The ADSL POTS Splitter Module must be used along with a Protected Customer Bridge Module (PCBM) provided in the Outdoor Network Interface Device. The TII 97C ADSL POTS Splitter Module and the PCBM’s are interconnected to provide the subscriber output screw terminals for wiring both voice and data.

2. Accessing the Network Interface Device (NID)

Open the outer cover on the Outdoor NID by loosening the customer access screw.

3. Installing the TII 97C ADSL POTS Splitter Module into the NI-2000 Series Footprint NID

Install the ADSL POTS Splitter Module into the NID by snapping it into the appropriate line module position (see Figure 2).

- Place the lower flange on the module under the base latch.
- Rotate the free side of the module down into the base ground bar.

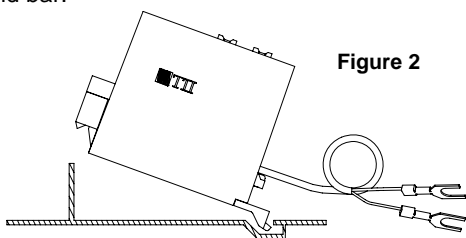


Figure 2

4. Interconnecting the ADSL POTS Splitter Module with the PCBM

- See inside door of NID for warnings before wiring.
- Remove existing subscriber voice wires from the PCBM and connect them to the screw terminals on the ADSL POTS Splitter Module (Tip to green, Ring to red).

- Connect the line-in terminals of the TII 97C to the screw terminals on the PCBM (Tip to green, Ring to red) (see Figure 3).
- Dress any excess wire along the side of the base.

After interconnecting the modules: The output for DATA wiring is the screw terminals on the PCBM, and the output for VOICE wiring is the two screw terminals on top of the ADSL POTS Splitter Module.

5. Wiring for Voice and Data

Grommet Preparations: If routing additional wires through the rubber grommet located at the bottom of the unit, punch a small hole in the grommet. Do not break through the edge of the grommet. Doing so may compromise the grommet’s holding ability.

6. Subscriber Wiring

- Route wires through the grommet located at the bottom of the unit and dress to the appropriate module(s).
- Dress any excess wire along the side of the base.

DATA Wiring: Connect the subscriber DATA wires to the screw terminals on the PCBM (Tip to green, Ring to red) (see Figure 3).

VOICE Wiring: Connect the subscriber VOICE wires to the screw terminals on the ADSL POTS Splitter Module (Tip to green, Ring to red).

7. Wiring to Screw Terminals

- Strip conductor wires back approximately ½ inch.
- Wrap the bare wire around the screw terminal between two washers. Do not overlap wire on the screws.
- Cut off any excess wire after tightening the screw terminal.

8. Securing the NID Unit

Make sure the wire entry grommet is completely seated into position in the base. Tighten the customer access screw to secure the cover.

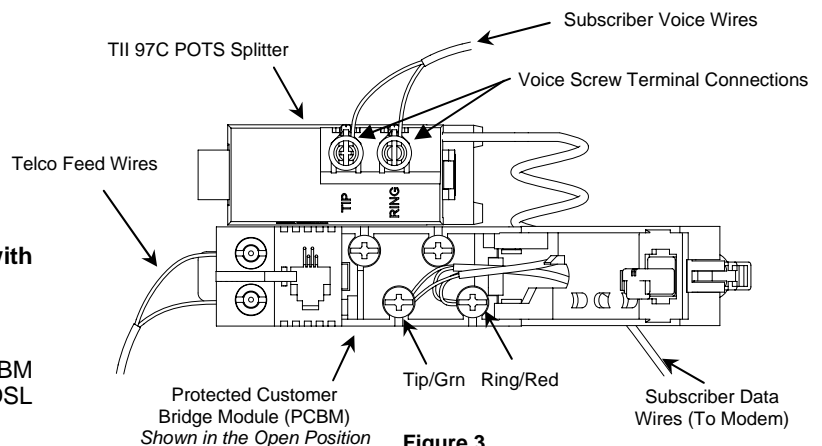


Figure 3