

KEPTEL SNI<sup>R</sup>-2125  
INDOOR 25 LINE NETWORK INTERFACE DEVICE  
DESCRIPTION AND INSTALLATION

1. GENERAL

- 1.01 This section is a cover sheet for the Keptel SNI-2125 25 Line Indoor Network Interface Device (N.I.D.). This section is reproduced with permission of KEPTEL.
- 1.02 Whenever this section is reissued the reason(s) for reissues will be listed in this paragraph.
- 1.03 The Keptel SNI-2125 N.I.D. unit provides a discrete and recognizable demarcation point mandated by local commission rulings or business strategies facilitating a physical separation between Telco network facilities and customer or vendor premise wire. It also provides the means for a customer or vendor quick test for a provisioned circuit.
- 1.04 If corrections are required in the attached document, use Form E-3973 as described in Section 000-010-015.
- 1.05 If equipment design and/or manufacturing problems should occur, refer to Section SW 010-522-906 for procedures on filing an Engineering Complaint.

2. ORDERING PROCEDURE

- 2.01 The Keptel SNI-2125 Indoor 25 Line Network Interface Device may be ordered via the Southwestern Inventory Management System (SWIMS).
- 2.02 To order additional copies of this practice, use Section KPTL 462-005-802SW as the section number.

3. REPAIR RETURN

- 3.01 The Keptel SNI-2125 is not a repairable unit. For warranty credit, defective products should be return utilizing existing procedures.

PROPRIETARY

Not for use or disclosure outside Southeastern Bell  
Telephone Company except under written agreement.

Attachment: KEPTEL SNI-2125  
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## KEPTEL SNI®-2125 INDOOR 25 LINE NETWORK INTERFACE DEVICE DESCRIPTION AND INSTALLATION

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### 1.0 GENERAL

**1.01** This package provides information on the Keptel SNI-2125 25 Line Indoor Network Interface Device (N.I.D.). The SNI-2125 has been selected for use where an indoor 25-line, network interface is required. The primary use for this product will be in conjunction with multi-line applications of residential, simple business and PLEXAR service (co-Centrex).

**1.02** Whenever this practice is reissued, the reason(s) for reissue will be provided in this paragraph.

**1.03** The Keptel SNI-2125 N.I.D. unit (Figure 1) provides a discrete and recognizable demarcation point mandated by local commission rulings or business strategies facilitating a physical separation between Telco network facilities and customer or vendor premise wire. It also provides the means for a customer or vendor quick test for a provisioned circuit.

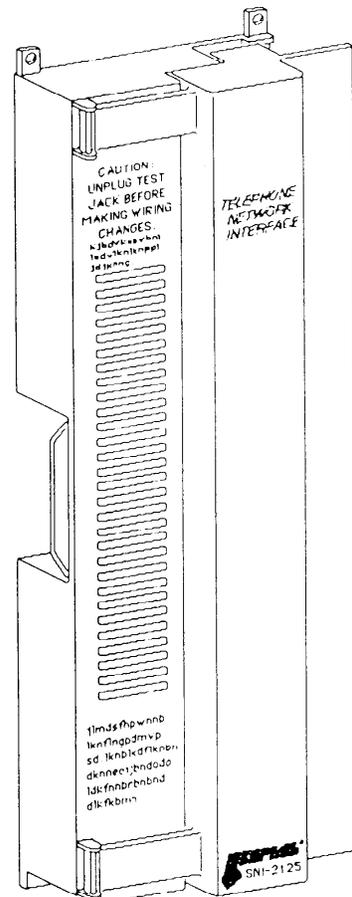


Fig. 1—SNI-2125 outside view

### NOTICE

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## 2.0 DESCRIPTION

2.01 The Keptel SNI-21250 N.I.D. is manufactured using ABS/PVC thermoplastic.

2.02 The SNI-2125 is a compact 25 line indoor Network Interface system. The unit is provided with a male RJ-21 connector on the Network side and individual Wiring Bridges on the Subscriber side (Figure 2). The Subscriber Wiring Bridges feature four-washer SEMS screws with space for multiple home runs and are field replaceable.

2.03 An optional connector arrangement with 66 style punch-downs on the Network side is available from the factory.

2.04 The SNI-2125 is factory equipped with Half Ringer Equivalent circuits for testing.

2.05 Other features and options of the SNI-2125 include:

- Subscriber cable guides
- Engraved operating instructions
- RJ-21 connector retainer strap
- Area for recording suite/phone numbers
- Hinged cover

2.06 The SNI-2125 may be installed without the Subscriber Wiring Bridges for use as a RJ-21 to RJ-11 modular adapter or patch block.

2.07 The mounting feet of the SNI-2125 interlock with the unit mounting directly above or below. This feature allows the SNI-2125 to be stacked vertically for tight installations.

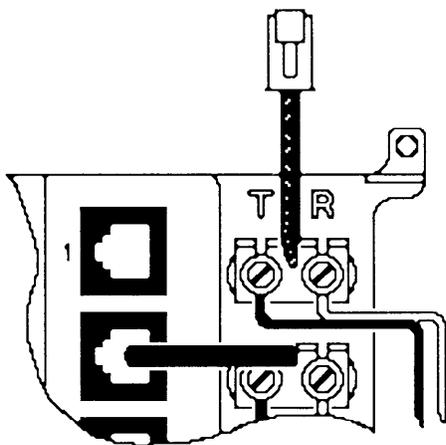


Fig. 2—SNI-2125 Subscriber Wiring Bridge

2.08 The SNI-2125 does not provide a mounting location for station protection. Station protection must be provided at the Building Entrance Terminal.

## 3.0 INSTALLATION

### Installing the SNI-2125

3.01 Verify line quality by taking routine measurements (positive identification of Tip, Ring and Ground - all lines).

3.02 Using the screws provided, mount the SNI-2125 to a wall or backboard surface.

3.03 Attach telco lines via RJ-21 standard orientation male connector on side of unit (refer to figure 3). Secure connector using retainer strap provided.

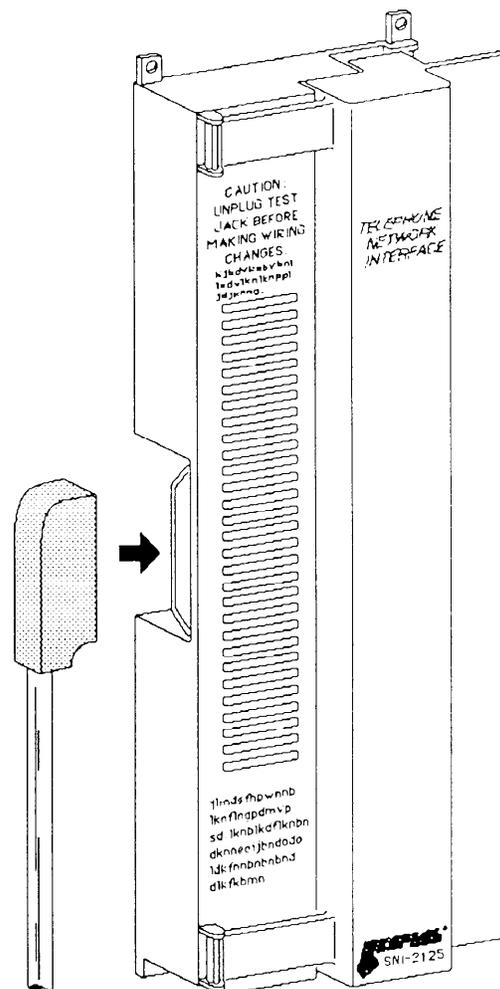


Fig. 3—Connecting 25-pair cable to the SNI-2125

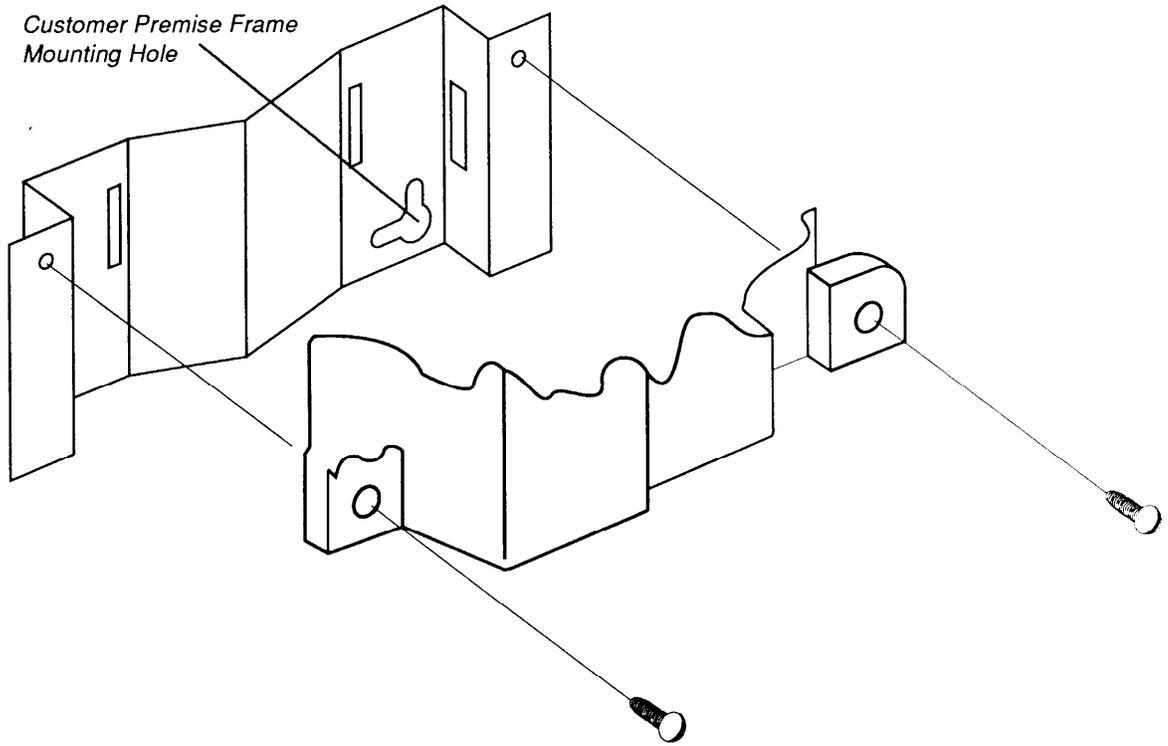


Fig. 4—Mounting the SNI-2125 to the Auxiliary Mount Brackets.

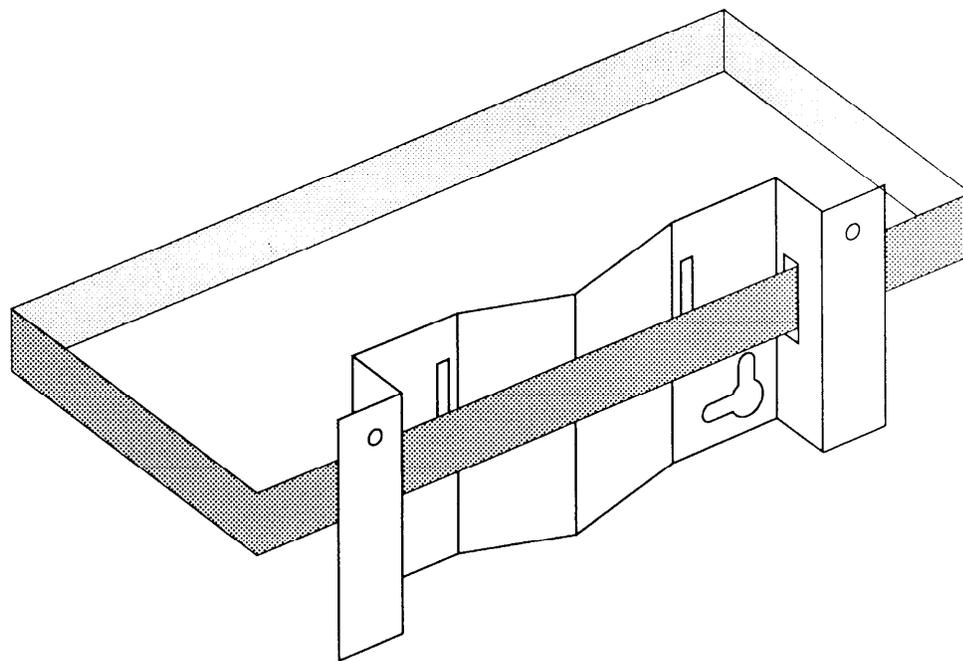
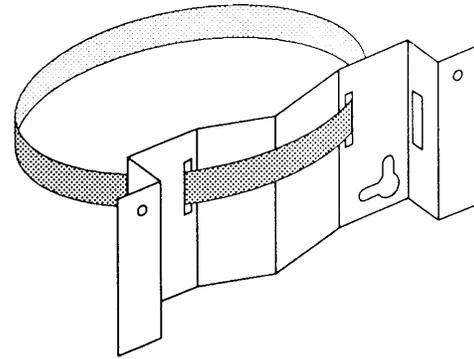


Fig. 5—Mounting the SNI-2125 to an I-beam.

**3.04** Connect Subscriber lines (per local procedures) to terminal screws on the Wiring Bridges (right side of unit). Feed wiring under Cable Guides along right side .

**3.05** A textured surface has been provided on the front of the unit to record Subscriber telephone/suite numbers.

**3.06** Test lines for service by placing a lineman's test set on the terminal screws on the Subscriber Wiring Bridge and going off-hook. If problem is encountered pulling dial tone, check all wiring connections and test again. If problem is still encountered, refer to section on Troubleshooting.



**Fig. 6—Mounting the SNI-2125 to a pole.**

### **Installing the SNI-2125 on a Pole or I-beam using the Optional Auxiliary Mount Brackets**

**3.07** Using the four #8 screws provided, mount the Auxiliary Mount Brackets to the back of the SNI-2125 as indicated in figure 3.

**3.08** Using the appropriate utility strapping or cable ties, mount the unit to the pole or I-Beam. Refer to figures 5 & 6.

### **Installing the SNI-2125 on a Customer Premise Frame using the Auxiliary Mount Brackets**

**3.09** The SNI-2125, if equipped with the Auxiliary Mount Brackets, will mount without modification, to a customer Premise Frame.

**3.09** The SNI-2125, with the Optional Auxiliary Mount Brackets installed, will mount in place of two 66 type connecting blocks. Refer to figure 4 for location of mounting holes.

## **4.0 TROUBLESHOOTING**

**4.01** Insure all wiring is routed properly and is making good connection. Check to see all connections are tight.

**4.02** Verify identification and presence of Tip and Ring .

**4.03** Verify continuity through modular jack with ohmmeter.

**4.04** Repeat line measurement tests.