

KEPTEL SNI^R-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

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Telephone Company except under written agreement.

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

CONTENTS	PAGE
1. GENERAL	1
2. DESCRIPTION	2
3. INSTALLATION	2
Installing the SNI-2125	2
Installing the SNI-2125 to a Pole or I-beam using the Auxiliary Mount Bracket	2
Installing the SNI-2125 to a Customer Premise Frame using the Auxiliary Mount Bracket	2
4. TROUBLESHOOTING	4
FIGURES	
1. SNI-2125 outside view	1
2. SNI-2125 Subscriber Wiring Bridge	2
3. Connecting 25-pair cable to the SNI-2125	2
4. Mounting the SNI-2125 to the Auxiliary Mount Brackets	3
5. Mounting the SNI-2125 to an I-beam	3
6. Mounting the SNI-2125 to a pole	4

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.

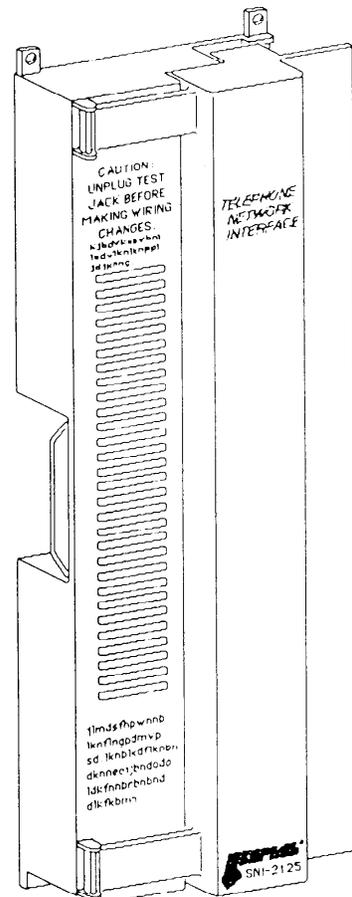


Fig. 1—SNI-2125 outside view

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.

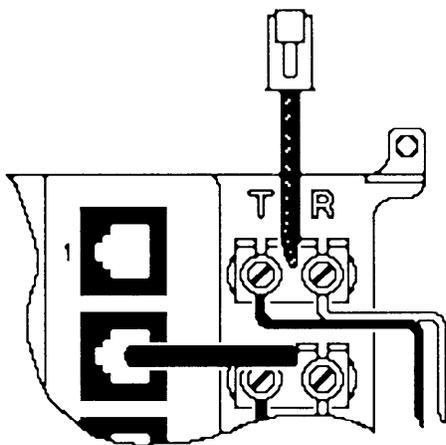


Fig. 2—SNI-2125 Subscriber Wiring Bridge

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.

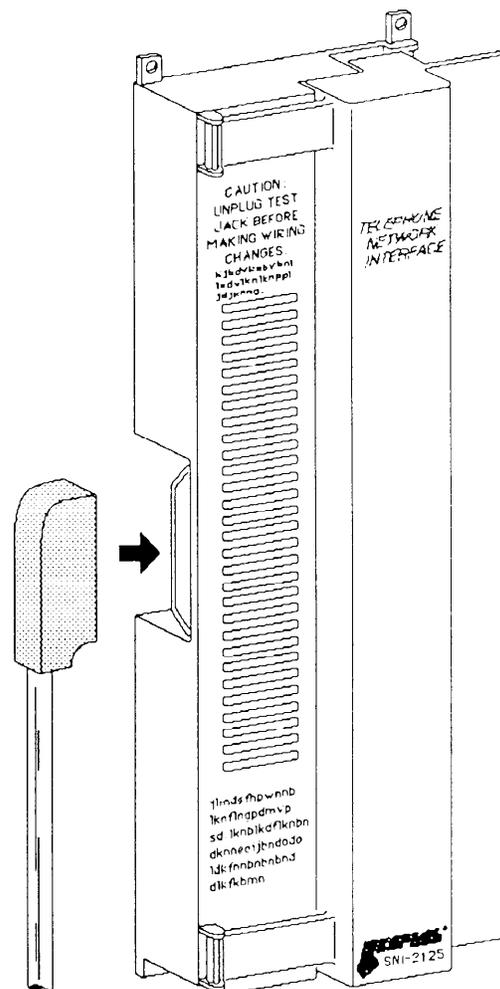


Fig. 3—Connecting 25-pair cable to the SNI-2125

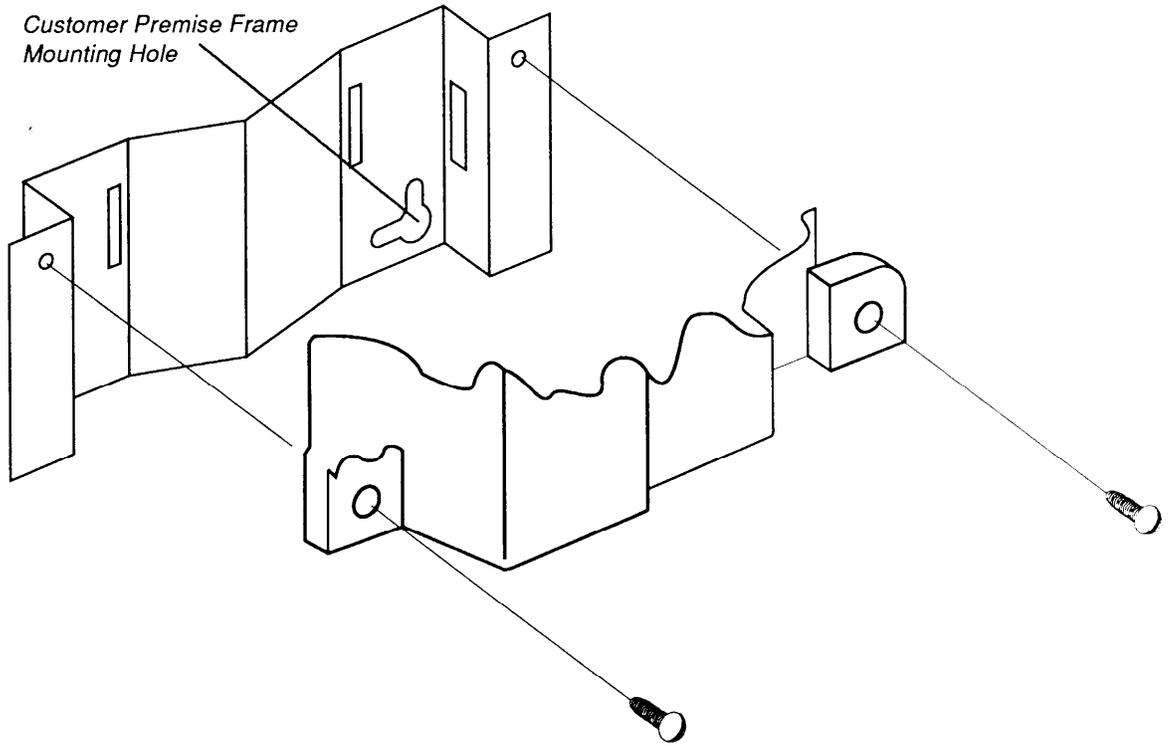


Fig. 4—Mounting the SNI-2125 to the Auxiliary Mount Brackets.

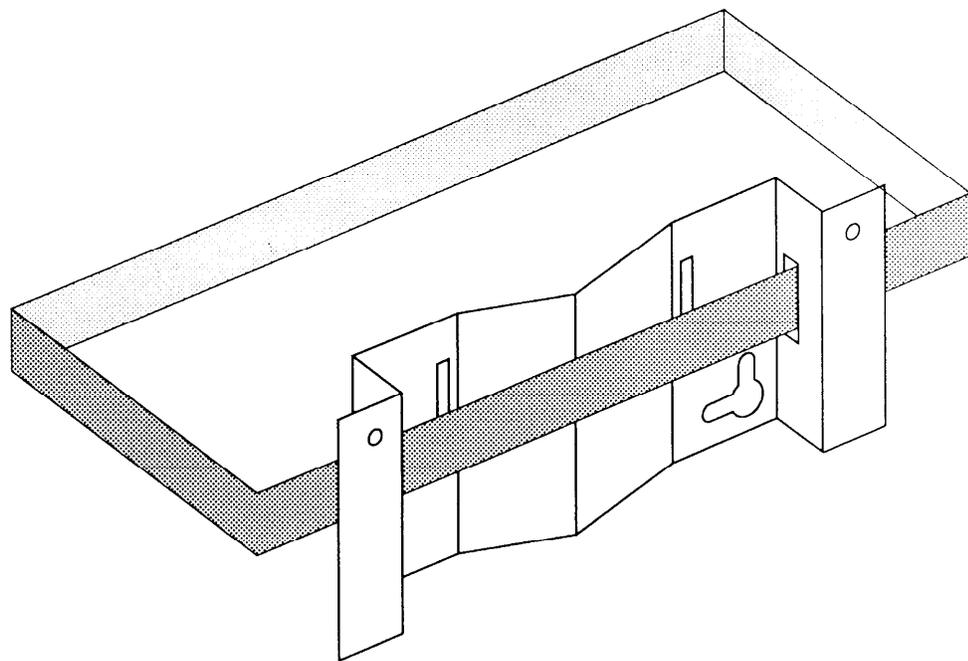


Fig. 5—Mounting the SNI-2125 to an I-beam.

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.

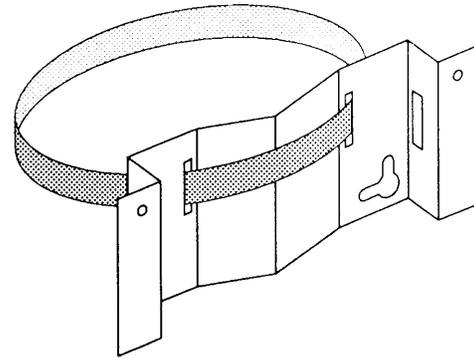


Fig. 6—Mounting the SNI-2125 to a pole.

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.