

UNIFORM SERVICE ORDER CODES (USOCs) RJ14C AND RJ14W  
IDENTIFICATION AND MAINTENANCE  
BRIDGED 2-LINE TIP AND RING ARRANGEMENTS

1. GENERAL

1.01 This section provides information on the standard wiring arrangements to be provided under the Federal Communications Commission (FCC) Registration Program for registered telephone, ancillary, data, and protective circuitry of the type associated with telephone, ancillary, data, telephone company, and customer-provided equipment (CPE).

**Note:** Telephone company or registered data equipment connected to the network via the jacks in this section must have a fixed signal power level under  $-9$  dBm. See Section 590-101-103 for connection of other data devices.

1.02 This section is reissued to add information on:

- (a) The use of 153-type adapters to furnish RJ14C
- (b) Providing RJ14C as the network interface for designated private line services.

Revision arrows are used to emphasize the more significant changes. The Equipment Test List (ETL) is not affected.

1.03 This section covers 2-line interface connections. For information on multiple (more than two lines) connections, refer to Section 463-400-141.

**Note:** Circuit incompatibility may occur involving the spare leads if a change of service is installed, eg, a line with A lead control installed originally would not be compatible with a subsequent installation of 2-line service. Whenever service is altered at an installation involving registration USOCs, check that all appearances are properly wired.

1.04 These arrangements use a standard modular-type connecting block (Fig. 1, 2, 3, 4, 5, and 6)

as the interface with the registered equipment as follows:

- For surface-mounted installations (RJ14C) — use 625A, 625C, 625S, or 625T connecting block
- For flush-mounted installations (RJ14C) — use 625B, 625F, or 625FS connecting block
- For wall-mounted telephone set installations (RJ14W) — use 630A connecting block.

**Note:** The 625S, 625FS, and 625T connecting blocks have spring-loaded covers which protect the contacts from contamination.

1.05 At installations wired using connector cables (where service has been downgraded to monkey sets), a 153-type adapter (Fig. 7) may be used to furnish RJ14C. The 153-type adapter wiring is shown in Fig. 8.

2. IDENTIFICATION

2.01 **USOC RJ14C:** Provides bridged connections of the tips and rings of two lines to the registered equipment (Fig. 1, 2, 3, 4, or 5). Used where customer requires a surface- or flush-mounted installation. Requires installation of a 625-type connecting block at location of connection to registered equipment. Connection to registered equipment can be at any convenient point. Connections for RJ14C are shown in Fig. 9.

2.02 **USOC RJ14C:** Can be used as the network interface of designated private line services. Only the tips and rings are provided through the interface (Fig. 10). The complete lead designation will depend on the private line service as follows: Message Registration — T(MR), R(MR); Off-Premises Station — T(OPS), R(OPS); or Automatic Identification Outward Dialing — T(A1), R(A1).

NOTICE

Not for use or disclosure outside the  
Bell System except under written agreement

2.03 Those services similar to RJ14C can also be intermixed with other properly instructed jack arrangements. For information on other jack arrangements, refer to Sections 463-400-100 through 463-400-150. If these services are intermixed in any of the arrangements having more leads than tip and ring, the unused leads cannot be assigned since the lead structure of the jack would be changed. For instance, if RJ14C (having T, R leads) is intermixed with RJ2EX (having T, R, E, M leads), the pins assigned to the E, M leads in that particular circuit position must be left vacant. For additional information, refer to paragraphs 1.05 and 1.06 in Section 463-400-141.♦

2.04 **USOC RJ14W:** Same as RJ14C except installed at wall-mounted installations using 690A connecting block (Fig. 6). Connections for RJ14W are shown in Fig. 9.

3. MAINTENANCE

3.01 Maintenance of the wiring arrangements covered in this section is limited to verification of the telephone company wiring and equipment and assurance that the required leads are supplied in the interface used for ♦registered equipment♦ connection.



***No attempt should be made to test, modify, or repair customer-owned and maintained equipment.***

3.02 When in the judgment of repair personnel the trouble is located in or caused by the CPE, the Repair Service Bureau should be notified so proper Maintenance of Service Charge Billing can be initiated as required and outlined in Section 660-101-312 — Maintenance of Service Charge on Services With Customer-Provided Equipment (CPE) and Section 660-101-318 — Tariff and Registration Violation Notice Procedures.

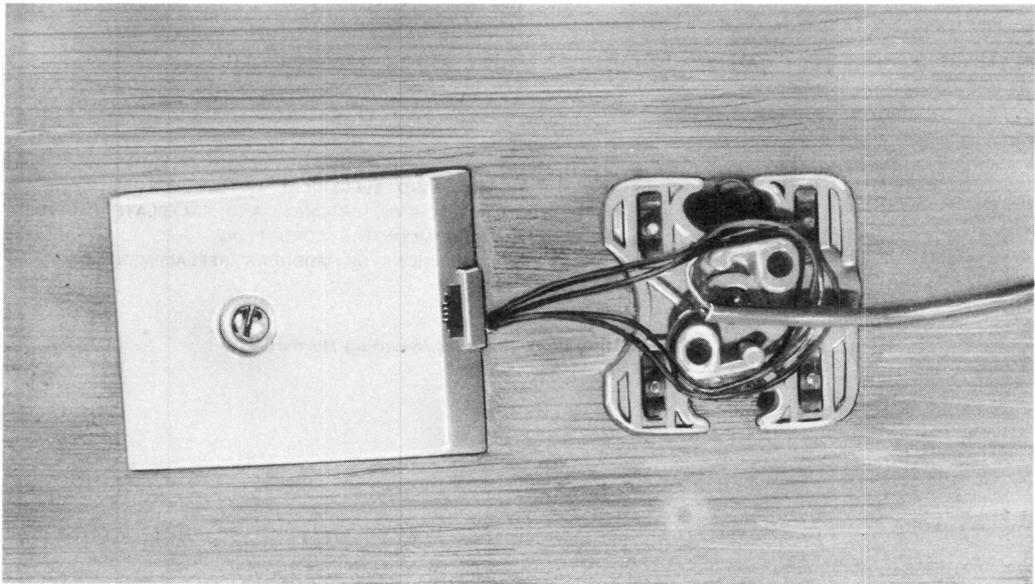
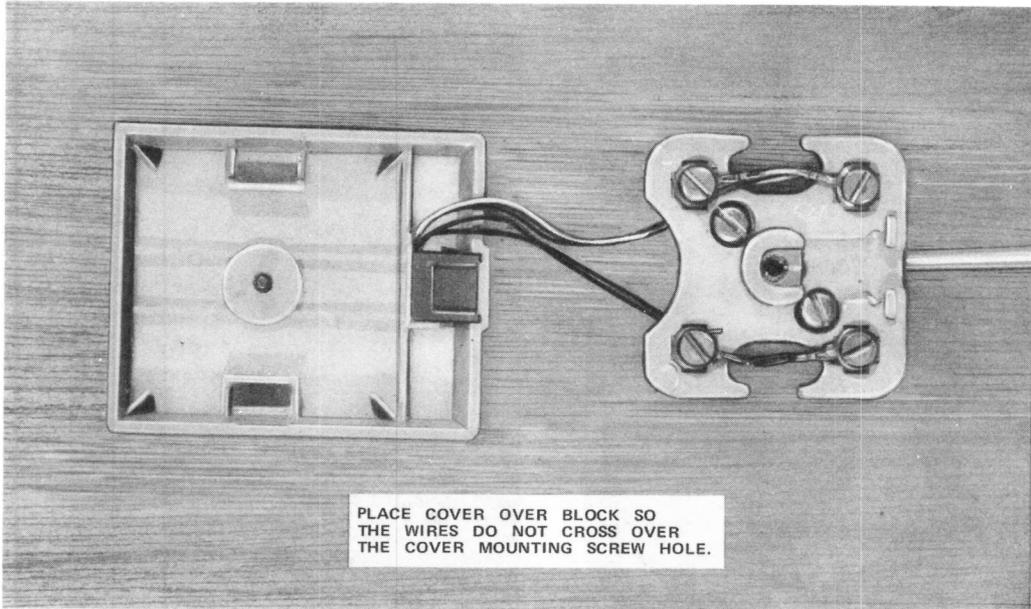
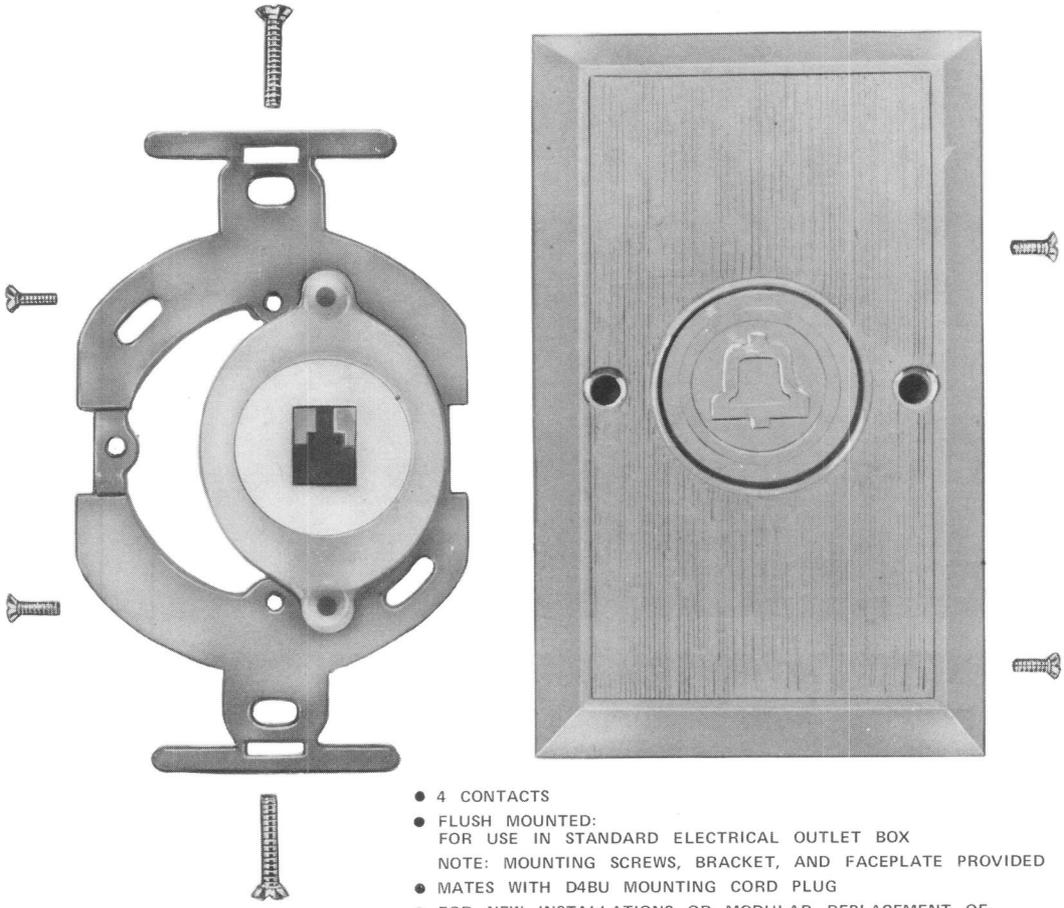
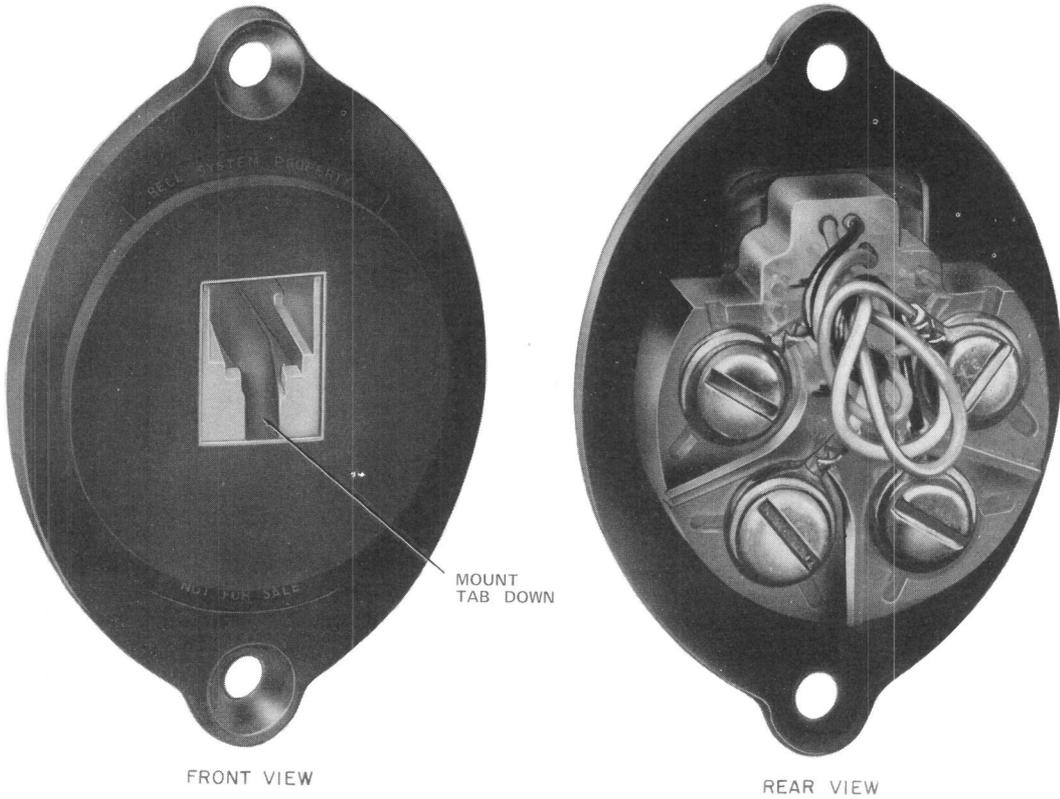


Fig. 1—625-Type Connecting Block



- 4 CONTACTS
- FLUSH MOUNTED:  
FOR USE IN STANDARD ELECTRICAL OUTLET BOX  
NOTE: MOUNTING SCREWS, BRACKET, AND FACEPLATE PROVIDED
- MATES WITH D4BU MOUNTING CORD PLUG
- FOR NEW INSTALLATIONS OR MODULAR REPLACEMENT OF  
548-TYPE JACKS

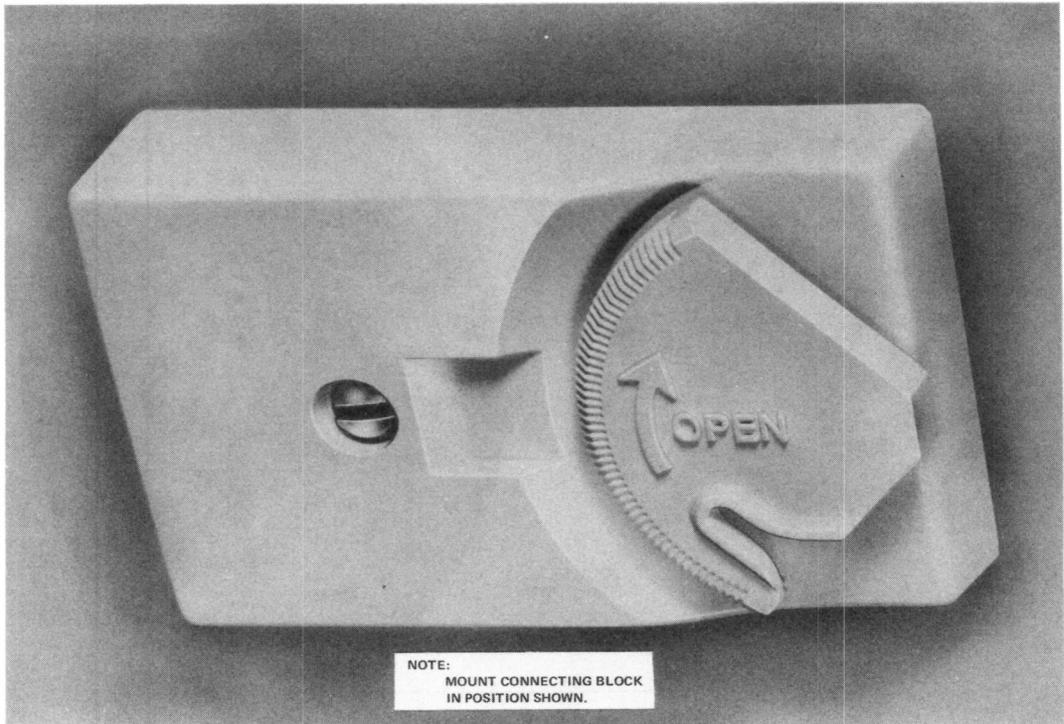
Fig. 2—625B Connecting Block (Includes Mounting Hardware)



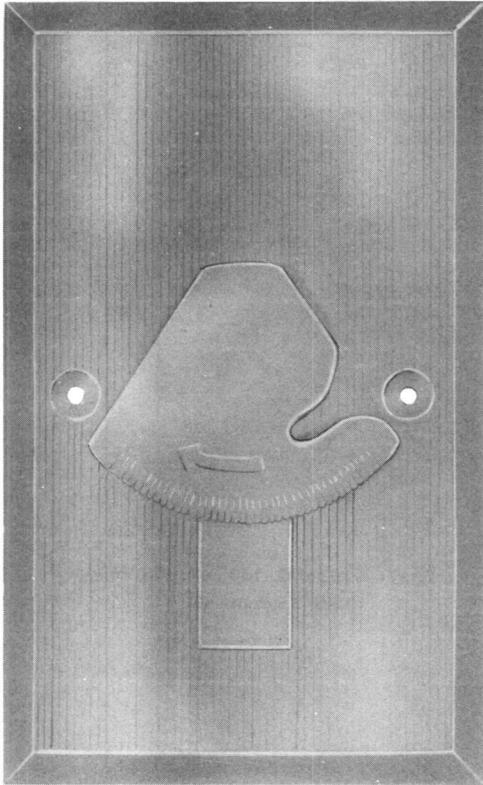
- 4 CONTACTS
- FLUSH MOUNTED:  
USING 63-TYPE OR KS-20502, L2 BRACKET  
AND 16A FACEPLATE OR IN STANDARD  
ELECTRICAL OUTLET BOX USING 65B  
FACEPLATE ASSEMBLY OR IN WOODWORK  
USING 1-1/4 INCH HOLE

- MATES WITH D4BU MOUNTING CORD PLUG
- MOUNTING SCREWS SUPPLIED
- FOR NEW INSTALLATIONS OR MODULAR  
REPLACEMENT OF 548-TYPE JACKS

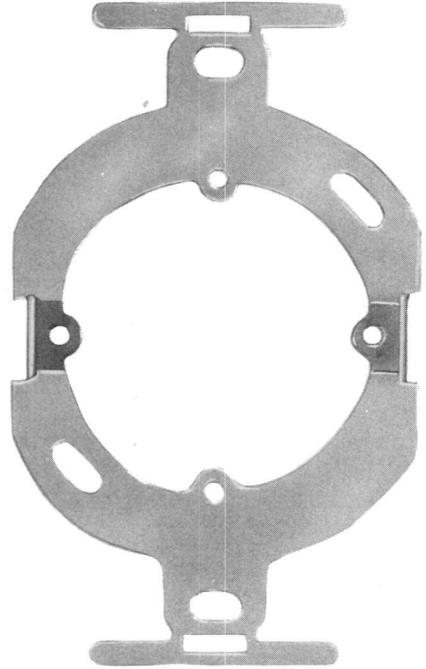
**Fig. 3—625F Connecting Block**



**Fig. 4—625S Connecting Block**



BRACKET  
(PROVIDED WITH 625FS CONNECTING BLOCK)



NOTE: BRACKET IS USED TO MOUNT 625FS TO GEM BOX, 63A (MD), OR 63B MOUNTING BRACKET

**Fig. 5—625FS Connecting Block**

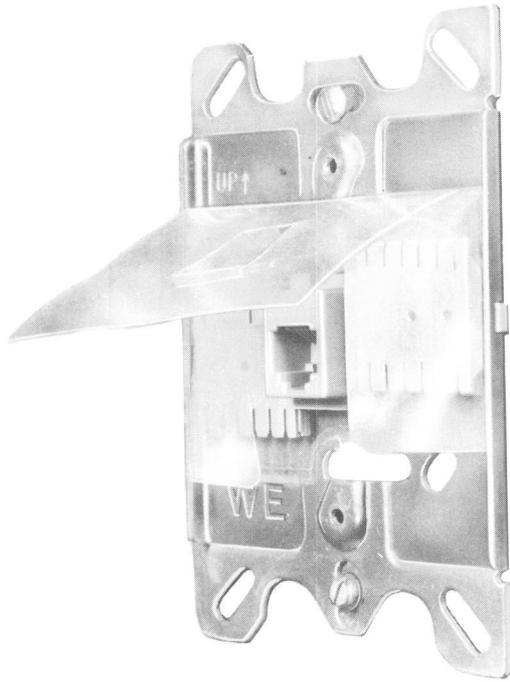


Fig. 6—630-Type Connecting Block (With Faceplate)

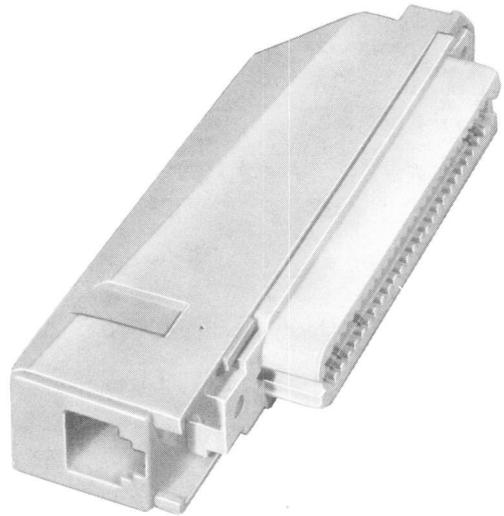
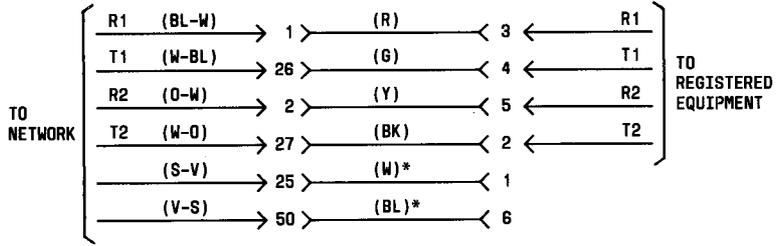


Fig. 7—153AM2, 153BM2, 153AM3, and 153BM3 Adapters



\* APPEAR IN 153AM3/BM3 ADAPTER ONLY

Fig. 8—153-Type Adapter Wiring

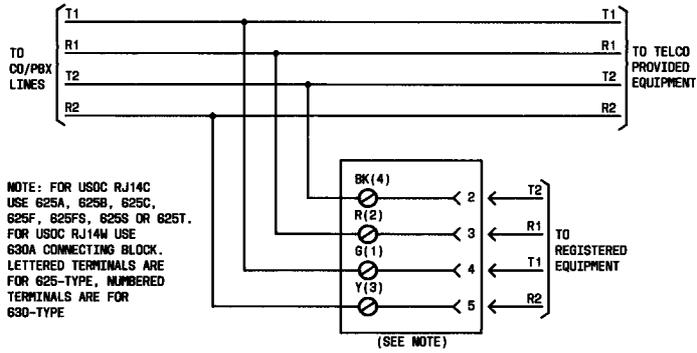
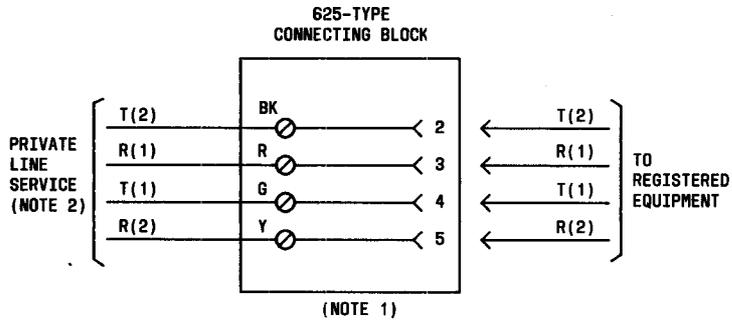


Fig. 9—Connections for USOC RJ14C and RJ14W — Bridged Tip and Ring of Two Lines



**NOTES:**

1. FOR USOC RJ14C USE 625A, 625B, 625C, 625F, 625FS, 625S, 625T, OR 625WP
2. THE LEAD DESIGNATION WILL DEPEND ON THE PRIVATE LINE SERVICES AS FOLLOWS: MESSAGE REGISTRATION T(MR), R(MR), OFF-PREMISES STATION T(OPS), R(OPS), AND AIOD T(A1), R(A1)

**Fig. 10—USOC RJ14C Used as Network Interface**