REGISTRATION INTERFACE
ADAPTER ARRANGEMENTS
RJA1X, RJA2X, AND RJA3X

1. GENERAL

1.01 This section provides information on the standard wiring arrangements, using a modular jack adapter as an interface, to be provided under the Federal Communications Commission (FCC) Registration program.

1.02 If this section is reissued, the reasons for reissue will be contained in this paragraph.

1.03 These arrangements provide:

- A means of converting existing 4- or 12-contact jacks to modular type

- A dual appearance on one circuit in modular jacks.

The registered telephone company or customer provided equipment (CPE) must terminate in a modular plug to be physically compatible. If the CPE is terminated in a 4- or 12-prong plug and a modular jack is in place, it is the customer's responsibility to provide an adapter or change the cord to one that is modular.

1.04 In these arrangements tip and ring only are to be furnished to the CPE and appear in contacts 4 and 3 of the adapters, respectively. Contacts 2 and 5 are reserved for telephone company use. Disposition of these leads should be per local instructions.

> *Note:* Circuit incompatibility may occur involving the spare leads if a change of service is installed, ie, a party line with dial light power installed originally would not be compatible with a subsequent installation of 2-line service. Whenever service is altered at an installation involving registration USOC codes, check that all appearances are properly wired.

2. DESCRIPTION

2.01 *USOC RJA1X:* This arrangement uses a 225A adapter (Fig. 1) to provide physical compatibility between the modular plug on the CPE and an existing 4-prong jack such as a 548A or 549A (Fig. 3). Tip and ring are always connected through to the CPE. A and A1 or other leads will appear in the adapter if wired into the existing jack. Adapter is furnished by the telephone company when connecting telephone company equipment, and by either the telephone company or customer when connecting registered CPE.

2.02 *USOC RJA2X:* Uses a 267A adapter to connect two modular jacks to one modular plug. Four leads are multipled to the same contacts in the plug and both jacks (Fig. 4). Tip and ring are always connected through to the multiple jacks. A and A1 or other leads will appear in the multiple jacks if wired into the existing jack. The 267A adapter can also be mounted piggy-back on a 224A or 225A adapter if required. The 267A adapter is always furnished when the multiple jacks are used to connect telephone company equipment to one or both ports. Adapter is furnished either by the telephone company or customer when connecting CPE to both multiple jacks.

2.03 *USOC RJA3X:* Used to convert an existing 12-pin jack, such as a 541A or 551A, to a 4-pin modular jack (Fig. 5). A 224A adapter (Fig. 2) is plugged into the 12-pin jack, and the modular plug on the telephone company-provided or CP equipment plugs into the adapter. Tip and ring are always connected through to the CPE. A and A1 or other leads will appear in the adapter if wired into the existing jack. Adapter is provided by telephone company when connecting telephone company equipment, or by either the telephone company or customer when connecting CPE.

3. MAINTENANCE

3.01 Maintenance of all arrangements is limited to verification of the telephone company wiring and equipment. Check that the required leads are supplied to the interface used for CPE 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 the CPE, the Repair Service Bureau should be notified so that proper Maintenance of Service Billing can be initiated as required and as outlined in the following:

- Section 660-101-312, Maintenance of Service Charge on Services With Customer-Provided Equipment (CPE)

- Section 660-101-318, Tariff and Registration Violation Notice Procedures.

Fig. 2—224A Adapter

MOUNTING CORD
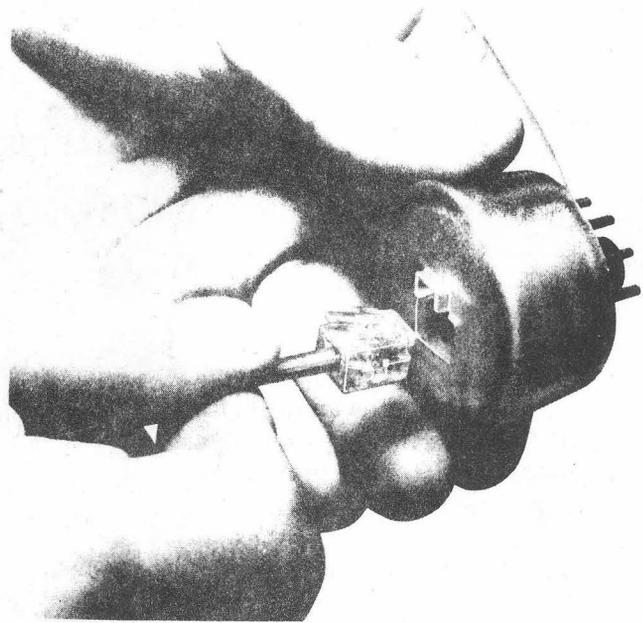
Fig. 1—225A Adapter
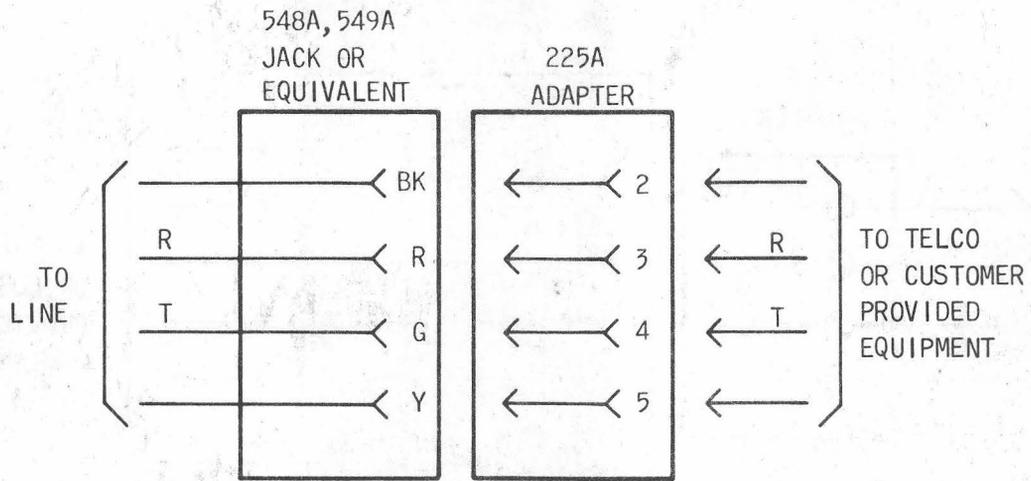
NOTE:
CONTACTS 2 AND 5 RESERVED FOR TELCO USE.

Fig. 3—Connections for USOC RJA1X, 4-Pin Jack to Modular Jack

625-TYPE
CONN. BLOCK,
224A, 225A
ADAPTER OR
EQUIVALENT

267A
ADAPTER

TO LINE

B 2
R 3
G 4
Y 5

R
T

1
2 TO TELCO
3 OR CUSTOMER
4 PROVIDED
5 EQUIPMENT
6

1
2
3 TO TELCO
4 OR CUSTOMER
5 PROVIDED
6 EQUIPMENT

NOTES:
1. CONTACTS 2 AND 5 RESERVED FOR TELCO USE.
2. ADAPTER MUST BE FURN-ISHED BY TELCO IF EITHER OF THE MULTIPLE JACKS IS USED BY THE TELCO.
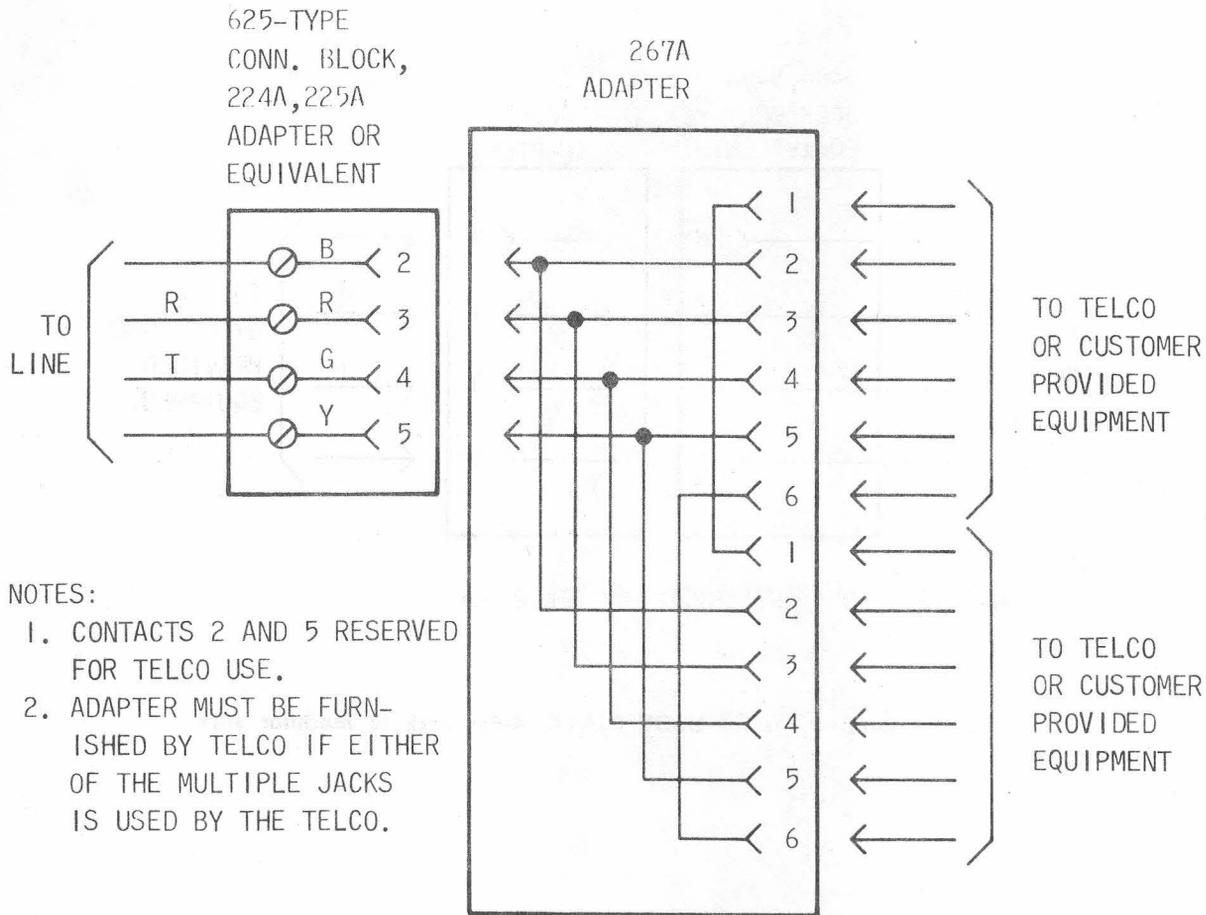
Fig. 4—Connections for USOC RJA2X, Modular Plug to Dual Modular Jack
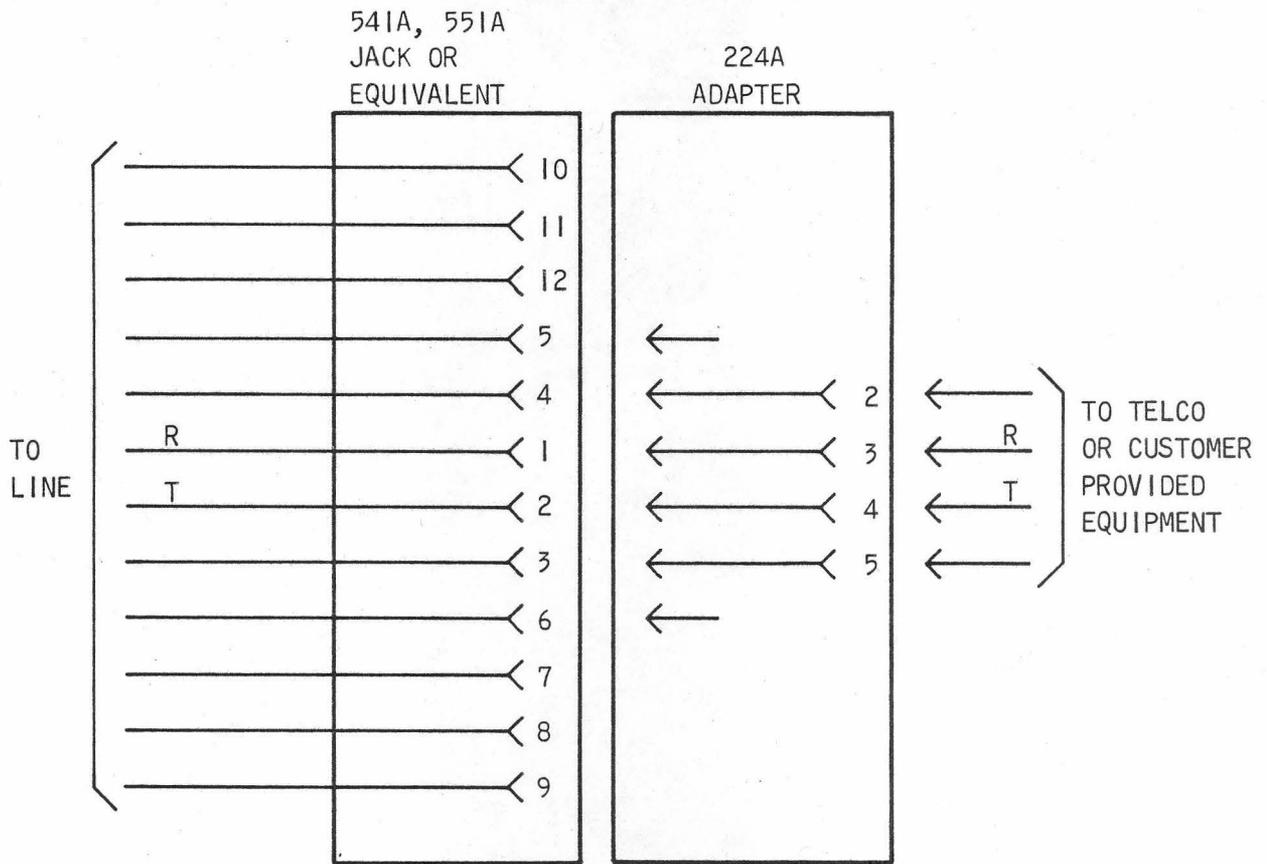
NOTE:

CONTACTS 2 AND 5 RESERVED FOR TELCO USE.

Fig. 5—Connections for USOC RJA3X, 12-Pin Jack to Modular Jack