

## NONCODED JACKS KS-13733 THROUGH KS-14982

### DESCRIPTION

#### 1. GENERAL

**1.01** This practice describes noncoded jacks within the number range of KS-13733 through KS-14982 used for the maintenance and operation of equipment in central offices.

**1.02** This practice is being reissued to divide this practice into smaller practices for easier access and usability and to update to the standard format.

**1.03** Information previously shown in Issue 4 of this practice is now provided in the following practices:

PRACTICE	TITLE	
032-301-105	Noncoded Jacks Through KS-19649	KS-16080
032-301-110	Noncoded Jacks Through KS-21004	KS-20452
032-301-115	Noncoded Jacks Through KS-22493	KS-21152

#### 2. DESCRIPTION OF NONCODED JACKS

**2.01 KS-13733, L1:** The KS-13733, L1, jack (Fig. 1) is a coaxial jack used in television-radio equipment. It is a 50 ohm matched impedance coaxial jack arranged for a screw coupling to an associated plug.

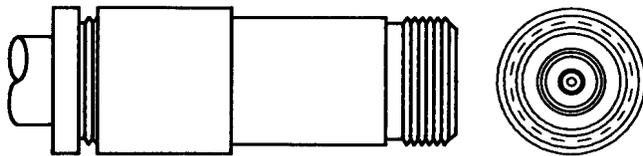


Fig. 1—KS-13733, L1, Coaxial Jack

**2.02 KS-13735, L1 Through L3:** The KS-13735 jack (Fig. 2) is a panel mounted, N-type coaxial jack used in Television-Radio Systems.

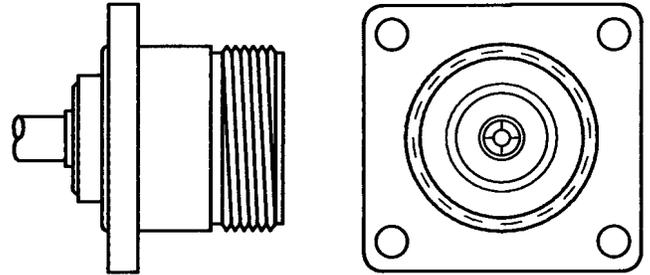


Fig. 2—KS-13735, L1 Through L3, Coaxial Jack

(a) **KS-13735, L1:** The KS-13735, L1, jack has a solder cup. The contact post extends 0.389 inches from the flange.

(b) **KS-13735, L2:** The KS-13735, L2, jack does not have a solder cup. The contact post extends 0.225 inches from the flange.

(c) **KS-13735, L3:** The KS-13735, L3, jack does not have a solder cup. The contact post extends 0.389 inches from the flange.

**2.03 KS-13738, L1:** The KS-13738, L1, jack (Fig. 3) is a coaxial jack used in Television-Radio Systems. This jack is identical to the UG-262/U jack.

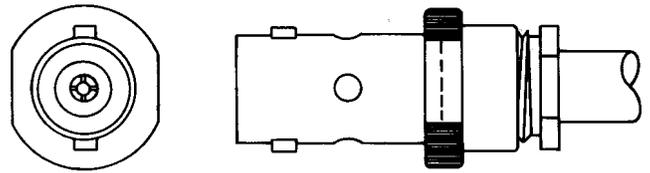


Fig. 3—KS-13738, L1, Coaxial Jack

**2.04 KS-13739, L1:** The KS-13739, L1, jack (Fig. 4) is a coaxial jack used in Television-Radio Systems. This jack is identical to the UG-261/U jack.

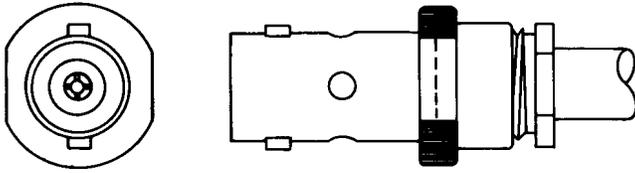


Fig. 4—KS-13739, L1, Coaxial Jack

**2.05 KS-13740, L1:** The KS-13740, L1, jack is a coaxial jack used in Television-Radio Systems. This jack is identical to the UG-290/U jack.

**2.06 KS-14095, L1:** The KS-14095, L1, jack (Fig. 5) is equipped with 20 gold-plated, phosphor-bronze, floating terminals. This jack mates with the KS-13876 connector.

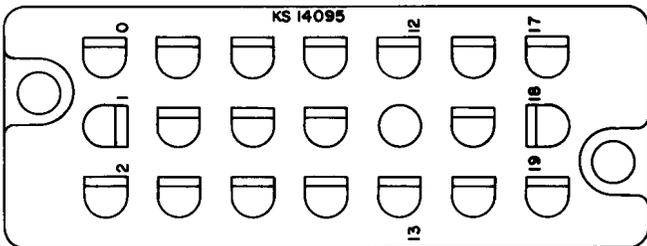
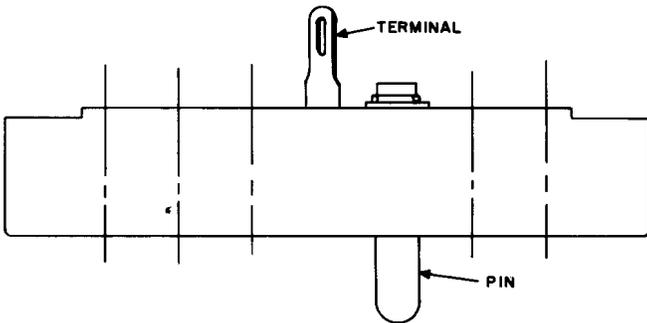


Fig. 5—KS-14095, L1, Jack

**2.07 KS-14171, L1 and L2:** The KS-14171, L1 and L2, jacks (Fig. 6) are single pin-type jacks consisting of a contact element inserted in a cylindrical molded body. The KS-14171, L1, is red and the KS-14171, L2, is black. Both are panel mounted by the use of a retaining washer.

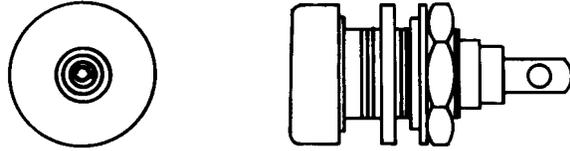


Fig. 6—KS-14171, L1 and L2, Pin Jacks

**2.08 KS-14172, L1 and L2:** The KS-14172, L1 and L2, jacks (Fig. 7) are single tip-type jacks consisting of a threaded brass body with a molded cap equipped with insulating washers and a locking nut. The KS-14172, L1, is black and the KS-14172, L2, is red.

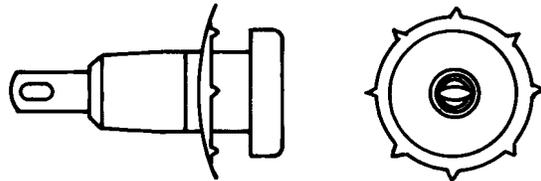


Fig. 7—KS-14172, L1 and L2, Tip Jacks

**2.09 KS-14173, L1 Through L4:** The KS-14173, L1 through L4 jacks (Fig. 8) are equipped with 20 gold-plated, phosphor-bronze, floating terminals and mate with KS-14160 connector. These jacks are used with the plug-in assemblies in the N1 Carrier System.

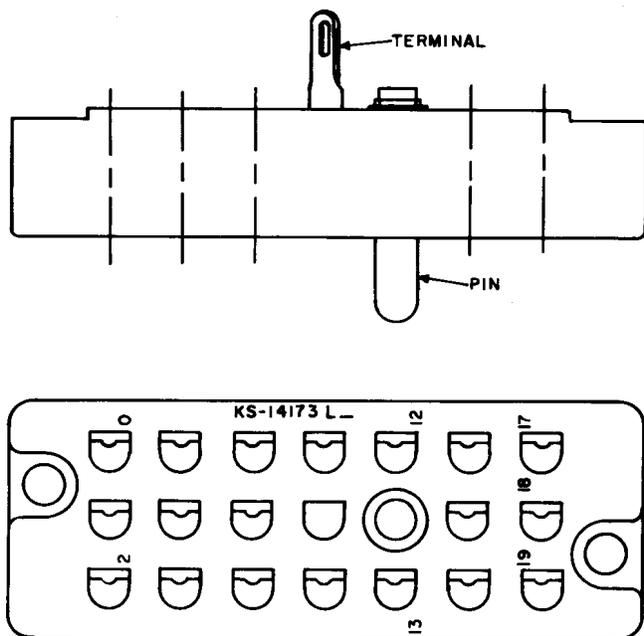


Fig. 8—KS-14173, L1 Through L4 Jacks

**2.10 KS-14318, L1:** The KS-14318, L1, jack (Fig. 9) is a coaxial jack used for operation up to 3000 volts peak at an altitude of 9000 feet above sea level and in ambient temperatures between  $-40^{\circ}\text{F}$  and  $+125^{\circ}\text{F}$ . This jack is used in supplying power to the repeaters of the L3 Carrier System. The jack is designed for connection to either the 30- or 35-type cable terminal and engages with the KS-14317 plug.

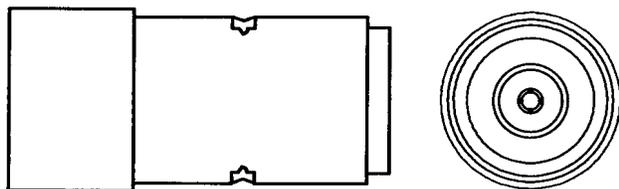


Fig. 9—KS-14318, L1, Coaxial Jack

**2.11 KS-14324, L1:** The KS-14324, L1, jack (Fig. 10) is a twin coaxial jack used with the KS-14323 plug in the J44100 A2 Video Amplifier Equipment.

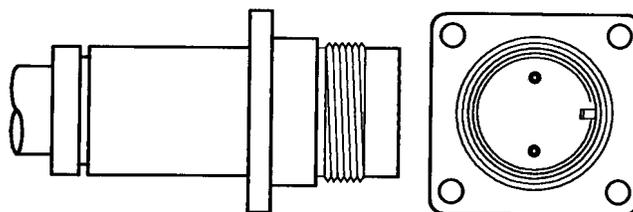


Fig. 10—KS-14324, L1, Twin Coaxial Jack

**2.12 KS-14982, L3:** The KS-14982, L3, jack (Fig. 11) is a coaxial jack used for terminating one end of 724 and 728 cable for use as a patch cord for emergency restoration of service on L3 Carrier System cables. This jack mates with the KS-14317 plug.

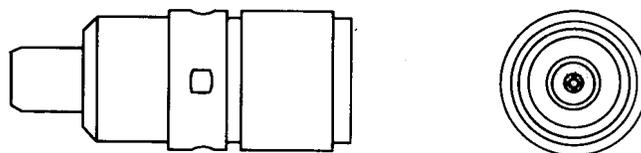


Fig. 11—KS-14982, L3, Coaxial Jack