

## TOOLS

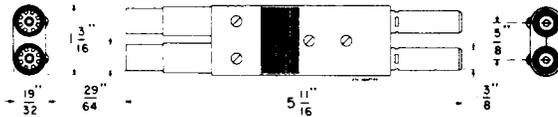
### ADAPTERS I—DESCRIPTION

#### 1. GENERAL

- 1.01 This section covers coded Bell System adapters.
- 1.02 This section is reissued to add the 137A and 158B adapters. This change does not affect the Equipment Test List.
- 1.03 The information contained in this section replaces Section 074-500-101.
- 1.04 See tool index for another Adapter practice. Also see Extenders, Section 074-214-130.

#### 2. DESCRIPTION OF TOOLS

##### 137A



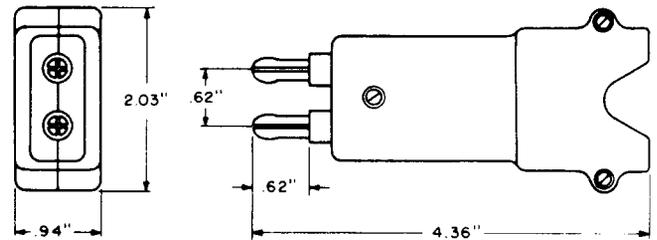
Consists of a twin plug and a twin coaxial jack assembled in a metal case. The jack fingers are those nearest the notches on the case. The center contact of the jack finger nearest the notched edge of the case is electrically connected to the center contacts of both plug fingers. The center contact of the other jack finger is electrically common with the outer contacts of the two plug fingers and the two jack fingers.

The plug fingers are arranged for two 477B or similar-type jacks mounted on 5/8-inch centers. The jack fingers are each arranged for a 358 or similar-type plug.

Tested at 2000 volts ac.

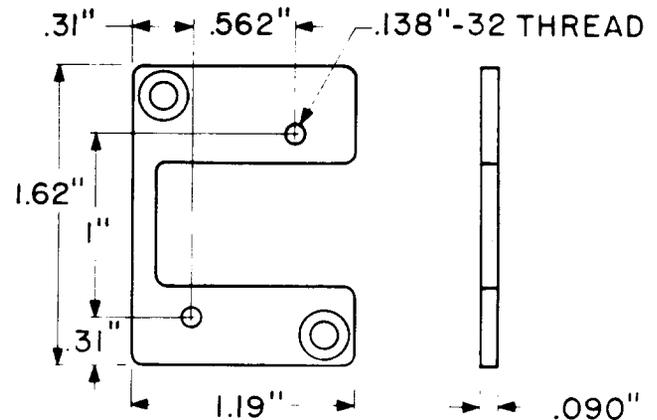
Intended for use with the J44103A video monitoring probe for in-service monitoring in either balanced or unbalanced circuits of the A2A video system.

##### 147A



A twin plug and twin jack arranged for use with a 240 or similar-type jack and a 419A plug. Each finger provides sleeve contact only. Intended for use as a monitor plug adapter in E6 telephone repeaters of common systems.

##### 150A

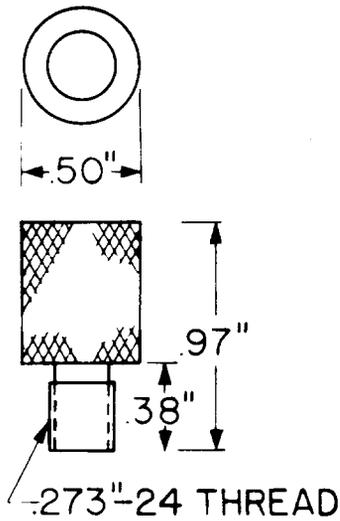


A metal U-shaped plate arranged to mount a 263A jack mounting in positions intended for mounting a 212A jack mounting. Intended for use in common systems.

#### NOTICE

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

151A

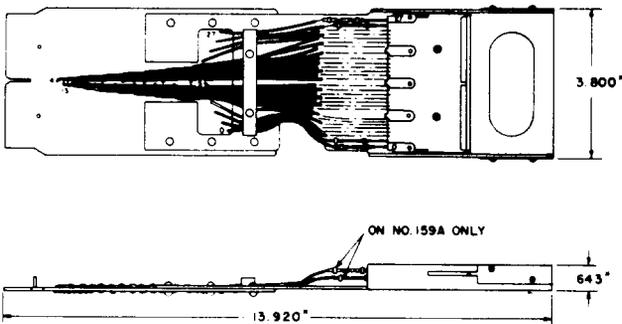


A metal adapter arranged to thread into a 413-type plug. Intended for use in testing cable pairs on main distributing frames equipped with 300-type connectors.

158A

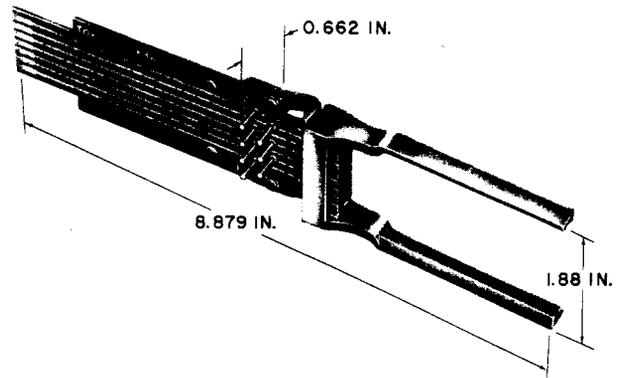
158B

159A



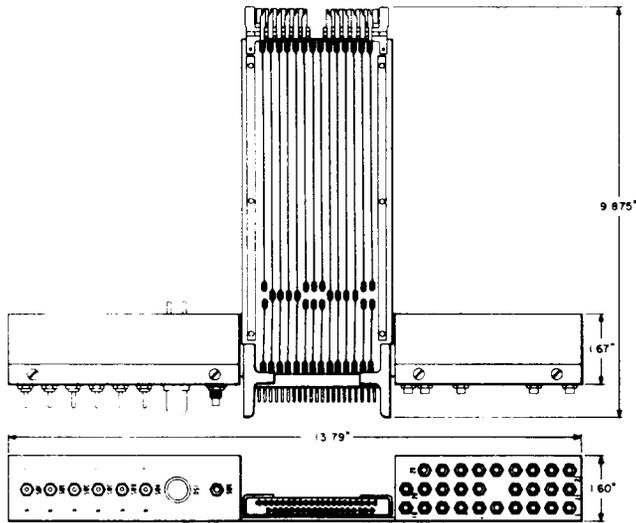
Each consists of a printed wiring board and a 905B connector assembled in a metal frame. The 158A has permanent connections between the wiring board and the 905B connector. The 158B is similar to the 158A except it has a modified printed wiring board with a 4700 ohm resistor and a 20 AWG wire added. The 159A has connections between the wiring board and the 905B connector which can be interchanged to permit a variety of tests. Intended for use in No. 1 ESS to permit printed wiring boards mounted in the 36A apparatus mounting to be extended beyond the apparatus mounting for testing purposes.

163A



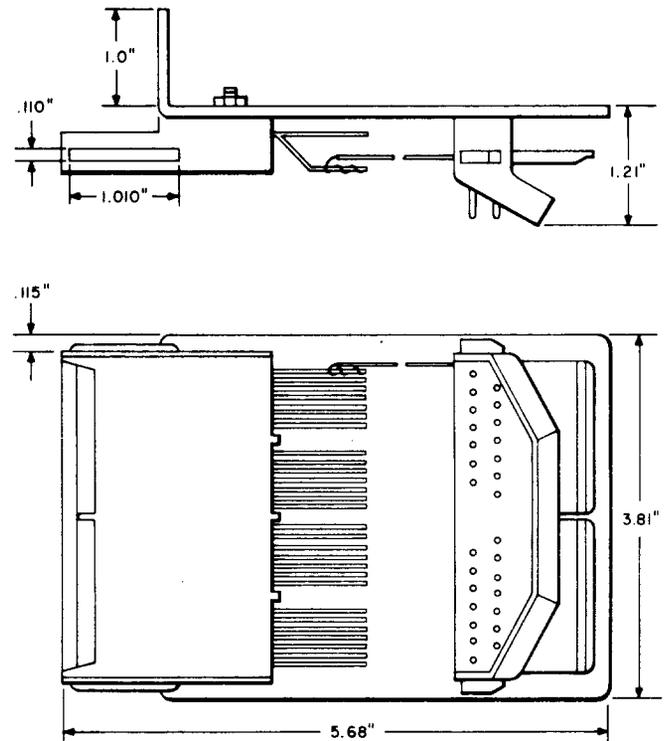
Consists of a printed wiring board equipped with test terminals, a 906F connector, and a U-shaped slotted metal guide bracket. Intended for use in testing D3 circuit packs.

164A



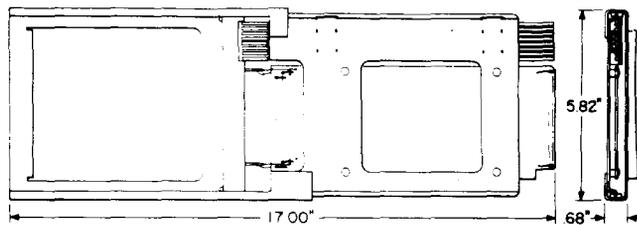
Consists of jacks, switches, and a lamp mounted on a metal mounting plate with terminal covers. A printed wiring board that contains eyelets used for plugging into the circuit is also assembled to the metal frame. Intended for use as an extender board and as an aid in locating faulty circuit pack of No. 1 ESS. Initially used in the 124A test set.

169A



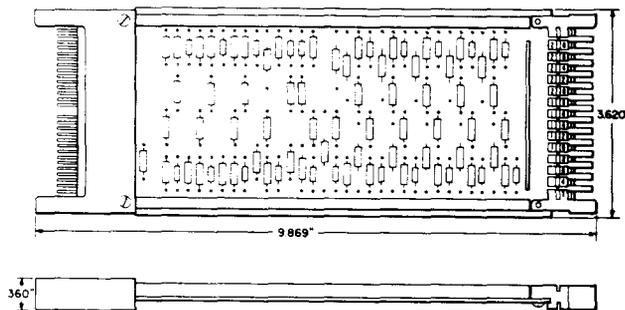
Consists of a printed wiring board and a 905B connector assembled in a metal frame. Intended initially for use in the No. 1 ESS to permit testing of the trunk unit relays of the plug-in type trunk units.

171A



Consists of a steel framework equipped with sliding adjustable keys which mount into a 927-type connector. Intended for use in extending AR-coded circuit packs from their normal mounting positions in the 58A, 59A, and 61A apparatus mountings for in-circuit testing. Initially used in No. 1 ESS (ADF).

178A

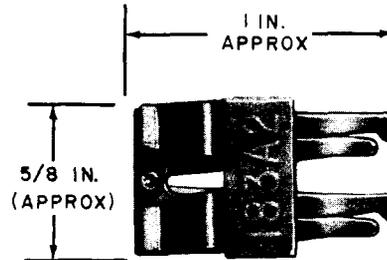


Consists of component apparatus mounted on a printed wiring board equipped with a P-42F226 terminal block on one end and a P37C859 connector on the other end. Initially used in No. 1 ESS.

181A

Consists of a printed wiring board, bracket assemblies, and a 916A connector. Permits circuit packs mounted in equipment to be extended beyond the assembly faceplates for testing purposes. Initially used in PBX ANI System.

183A2



A two-terminal quick clip connector with a spring clasp on one side which fits over two adjacent clips of a 66-type block. A molded plastic block is fitted around the middle to provide a working surface for the 714-type tool.