

CODED PLUGS—515 THROUGH 526

DESCRIPTION

1. GENERAL

1.01 This section lists and illustrates coded plugs within the part or type number range of 515 through 526, used for maintenance and operation of equipment in central offices.

1.02 The information provided in this section was previously shown in Section 032-510-101, Issue 11. The 520A, 523A2B, 523A4B, and 526A plugs are being added. The Equipment Test List is not affected.

2. DESCRIPTION OF PLUGS

2.01 515A: The 515A (Fig. 1) is a right angle, coaxial-type plug that is arranged for solderless shield connection to a 728A cable by means of a sleeve (KS-15712, L5). The 515A plug mates with the 560A- and similar-type jacks and is used on the L5 Coaxial System.

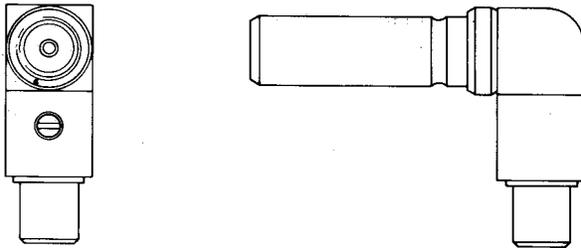


Fig. 1—515A Plug

2.02 516A: The 516A (Fig. 2) is a hair-pin, patch plug that consists of a pair of coaxial plug fingers assembled in a metal shell. The 516A plug mates with the 558A and 560A jacks and is used on the 400A Protection Switching System.

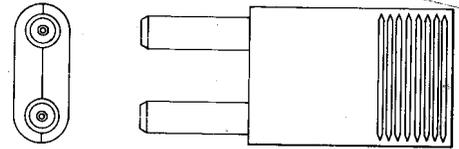


Fig. 2—516A Plug

2.03 519B: The 519B (Fig. 3) is a twin, through plug consisting of two modified 436 plugs connected by a 728A cable mounted on a red nylon plate. The 519B plug is used in the L5 Carrier System.

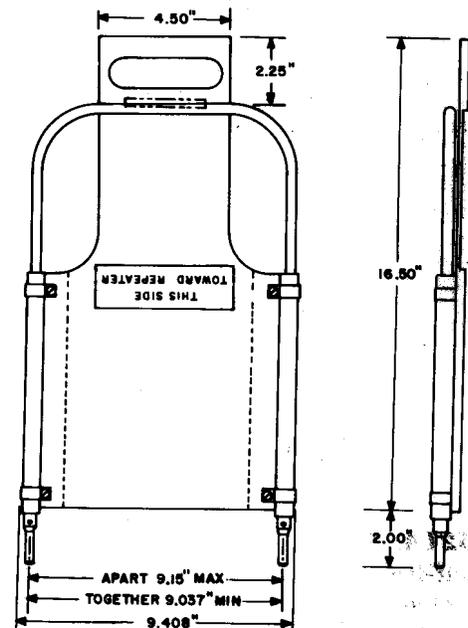


Fig. 3—519B Plug

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2.04 520A: The 520A (Fig. 4) is a polarized plug consisting of 14 contacts on a printed wiring board, two plastic covers, a strain relief arrangement, and associated hardware. The 520A plug is arranged with gold-plated printed connector fingers to provide electrical continuity between the conductor pattern and external circuitry when plugged into a 912B1 connector. The other end of the conductor pattern is arranged for connection to a P14D cord. The 520A plug is used on the 4A Toll Switching System.

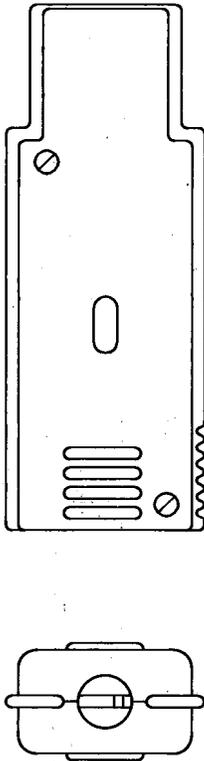


Fig. 4—520A Plug

2.05 521A: The 521A (Fig. 5) is a four-conductor, self-locking, thermoplastic plug with four teflon-insulated leads. The 521A plug is used as a connector for the KS-20930, L2, battery pack which is the dc power source of the 870A1M, 872A1M, 2870A1M and 2872A1M TOUCH-A-MATIC® telephone sets.

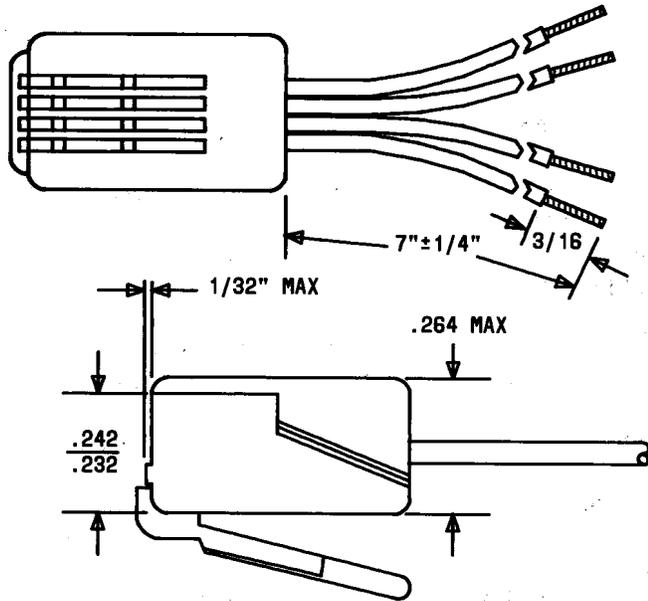


Fig. 5—521A Plug

2.06 522A: The 522A make-busy plug (Fig. 6) consists of a profiling assembly and a red nylon shell. The cord hole is closed with a plastic rivet. The 522A plug has a 446AB diode connected between the ring and sleeve. This plug is used in the Crossbar Tandem and No. 1 Crossbar Systems.



Fig. 6—522A Plug

2.07 523A-Type: The 523A-type (Fig. 7) are molded type plugs with leads.

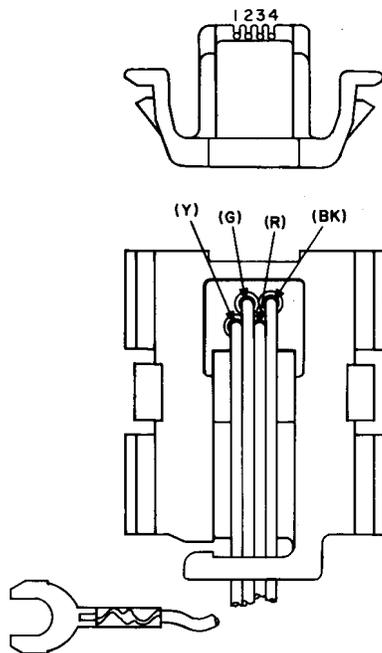


Fig. 7—523A-Type Plug

(a) **523A2B:** The 523A2B consists of a molded plastic plug with two leads, 6 and 7 inches long (one green and one red) in the standard position of tip and ring. The 523A2B plug is used on the 5011T01A telephone set.

(b) **523A3:** The 523A3 consists of a molded plastic plug with three individual spade-tipped leads, 9.25 inches long, (red, green, and yellow). The 523A3 plug is used in phone center-modular wall sets.

(c) **523A4:** The 523A4 molded plastic plug consists of four individual spade-tipped leads, 6 to 7 inches long, (red, green, yellow, and black). The black lead is to allow for class-of-service options requiring more than three conductors. The 523A4 plug is used on the 554B2P and 2554B2P telephone set bases.

(d) **523A4B:** The 523A4B molded plastic plug consists of four individual spade-tipped leads, 7 inches long (red, green, yellow, and black). The black lead is to allow for class-of-service options, requiring more than three conductors. The 523A4 plug is used on the AC1M TRIMLINE® telephone base.

2.08 523B: The 523B (Fig. 8) consists of a thermo-plastic, 4-conductor, snap-in plug with four leads, (red, green, yellow, and black), approximately 11 inches long. The 523B plug is to provide connections from the 960A01M and 2960A01M repertory dialers to the 630-type connecting blocks when converting a desk mounting to a wall mounting.

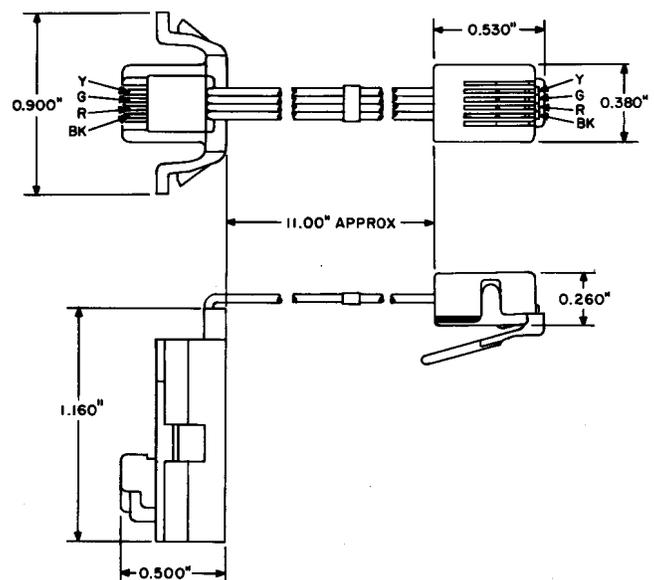


Fig. 8—523B Plug

2.09 524A: The 524A plug (Fig. 9) is for accessing cable pairs at the 136A1A-52 protector. The 524A plug is an adaptation of the 4A protector unit in which the two line connecting pins are extended through the housing to permit clip-on test leads to be attached. This plug is for use in the J98717K Pair Measuring Set.

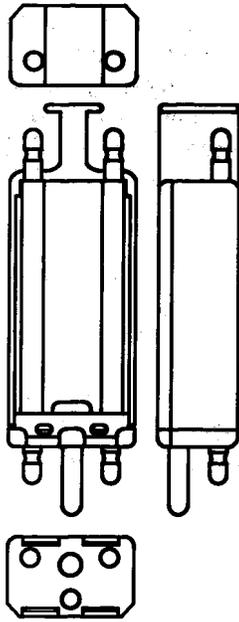


Fig. 9—524A Plug

2.10 **525A:** The 525A (Fig. 10) is a 4-conductor, self-locking, thermoplastic plug with four teflon insulated leads, 7 inches long. The 525A plug is used in the single channel Carrier Systems.

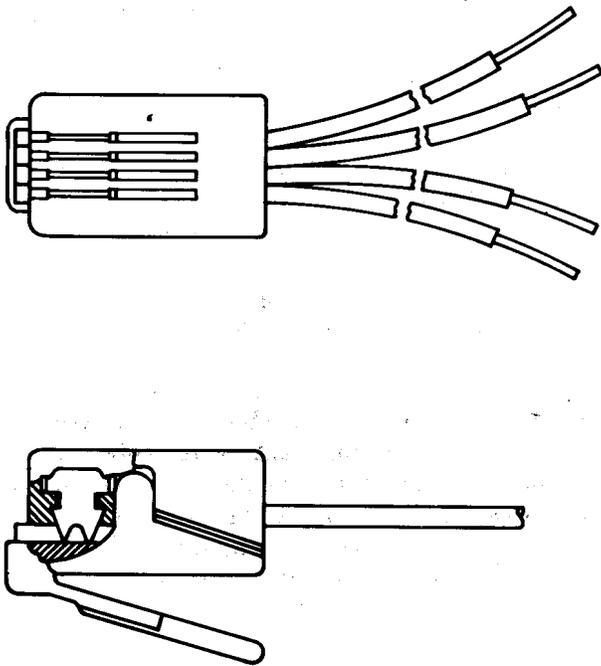


Fig. 10—525A Plug

2.11 **526A:** The 526A plug (Fig. 11) consists of three matching white plastic shell sections, two plastic clamps, a spring, and two contact assemblies. The 526A plug forms part of the P2FL cord for use in the 306- and 307-type connectors.

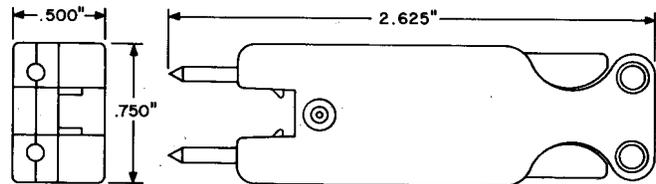


Fig. 11—526A Plug