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, co-axial-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.

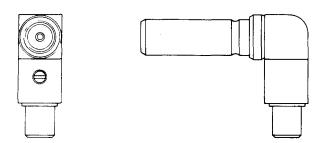


Fig. 1-515A Plug

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.

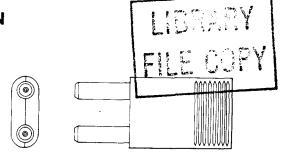


Fig. 2-516A Plug

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.

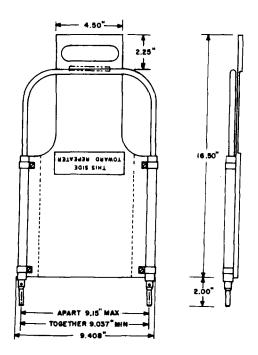
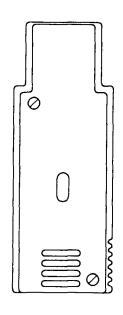


Fig. 3-519B Plug

NOTICE

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



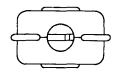


Fig. 4—520A Plug

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.

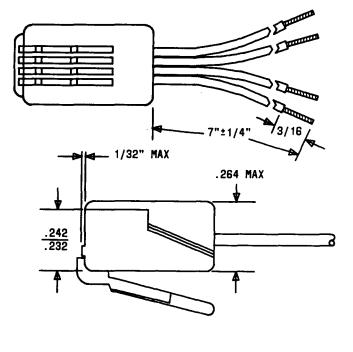


Fig. 5-521A Plug

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.

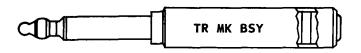


Fig. 6-522A Plug

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

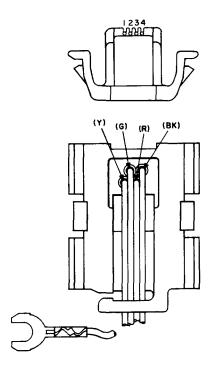


Fig. 7—523A-Type Plug

- (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 thermoplastic, 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.

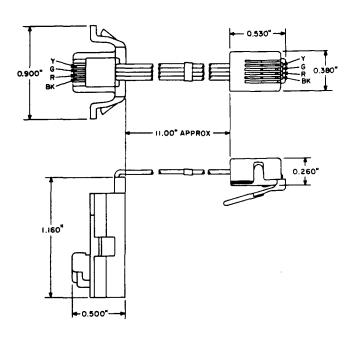


Fig. 8-523B Plug

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.

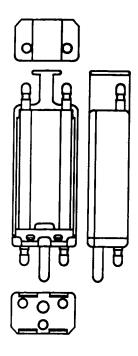
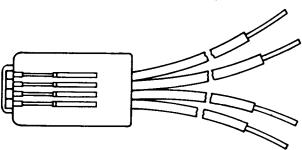


Fig. 9—524A Plug

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.



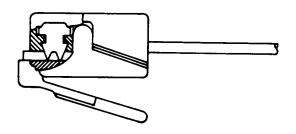


Fig. 10—525A Plug

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.

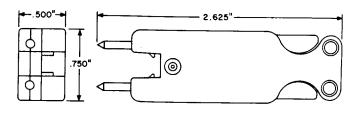


Fig. 11—526A Plug