

**PATCHING CORD ASSEMBLIES**  
**2-CONDUCTOR CORDS**  
**P2CF THROUGH P2DY**  
**DESCRIPTION**

**1. GENERAL**

**1.01** This section lists and illustrates the P2CF through P2DY 2-conductor cords.

**1.02** This section is reissued to:

- Update the format
- Add the P2CF, P2CN, P2CP, P2CU, P2CW, P2DA, P2DD, P2DJ, P2DS, and P2DU cords
- Rate the P2CR cord Mfr Disc.

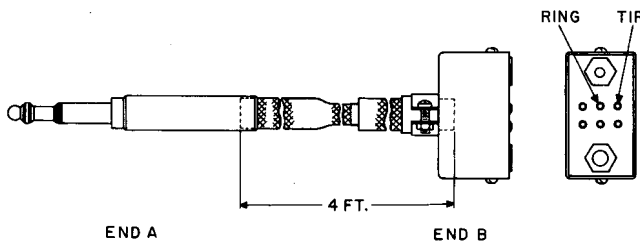
Revision arrows have been used to emphasize the more significant changes. The Equipment Test List is not affected.

**1.03** For general information on these cords, refer to Section 032-312-100.

**2. DESCRIPTION OF CORDS**

**P2CF**

4 feet long



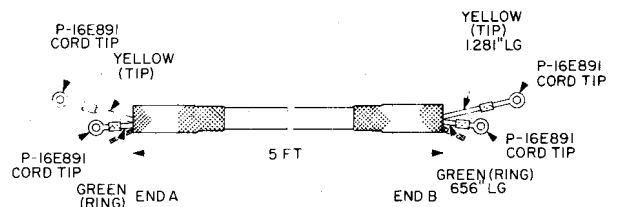
Res 0.21  $\Omega$ /ft

Plug end A is equipped with a 310 plug and plug end B is equipped with a KS-14340 connector.

The cord was intended for use in connection with the 35F test set for testing the 223-type switches in the TD-2 radio systems.

**P2CG**

5 feet long

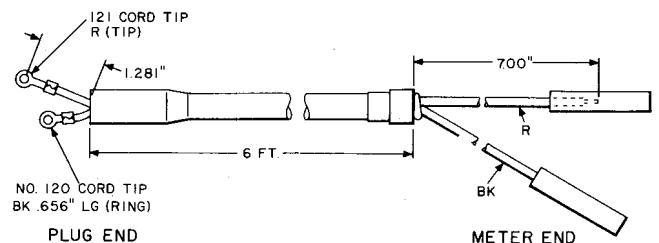


Res 0.421  $\Omega$ /ft

Each end is arranged for connection to a 310 plug. This cord forms part of the 104A test set.

**P2CH**

6 feet long



Res 0.21  $\Omega$ /ft

**NOTICE**

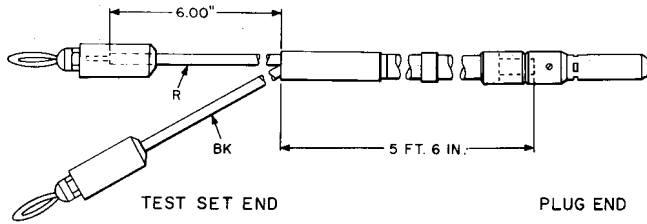
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The plug end is arranged for a 310 plug. The meter end is equipped with KS-14530 connectors. The cord was intended for use in adjusting the multifrequency pulse signal receiver in common systems.

**P2CJ**

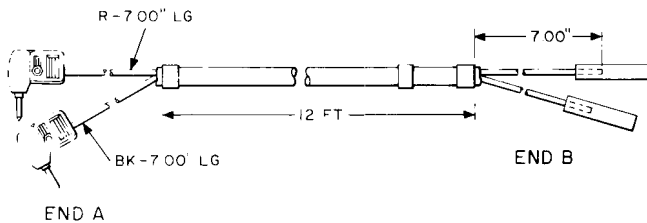
5 feet 6 inches long



The P2CJ cord consists of a length of 730A flexible coaxial cable. The plug end is equipped with a 358D plug. The inner and outer (shield) conductors of the cable are connected to the inner and outer contacts of the plug, respectively. At the test set end, the inner and outer conductors of the cable are terminated in 20 AWG stranded copper conductors having red and black waterproof insulation, respectively. Each conductor is equipped with a banana type plug of corresponding color. The cord was intended for use with the J64038A Transmission Measuring Set.

**P2CK**

12 feet long

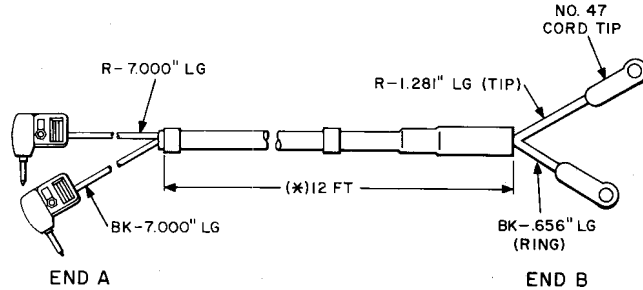


Res 0.01  $\Omega$ /ft

Plug end A is equipped with a red and a black KS-19531 plug. Plug end B is equipped with two KS-14530 connectors. The cord was intended for use in testing plug-in units on the digital data transmission system of the SAGE project.

**P2CL**

12 feet long \*



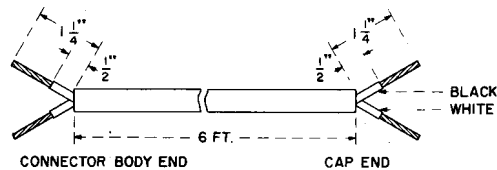
\*The cord is also available in 3 and 6 foot lengths, when specified.

Res 0.01  $\Omega$ /ft

Plug end A is equipped with a red and a black KS-19531 plug. Plug end B is arranged for 310 plugs. The cord was intended for use in testing plug-in units on the digital data transmission system of the SAGE project.

**P2CN**

6 feet long

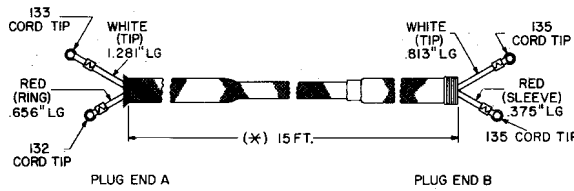


Res 0.006  $\Omega$ /ft

The connector body end is arranged for a Hubbell 7464 connector body. The cap end is arranged for a Hubbell 7479 cap. When ordered equipped with a Hubbell body and a Hubbell cap, the black and white conductors will be connected to the narrow and wide terminals, respectively, of the body and cap. The cord is intended for use with traffic usage recorder No. 1.

**P2CP**

15 feet long \*



\* Also available in 6 foot lengths, when specified.

Res 0.21  $\Omega$ /ft

Plug end A is arranged for a 310 plug. Plug end B is arranged for a 347 plug. The 15-foot cord forms part of the 2P30A cord which is intended for use in connecting the 108A test set to the central office tone. The 6-foot cord forms part of the 2P30B cord which is intended for use with the No. 9 Telegraph Test Board.

**P2CR—MFR DISC.**

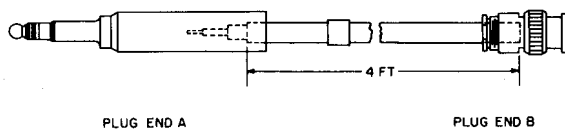
No replacement.

**P2CS—MFR DISC.**

No replacement.

**P2CT**

4 feet long

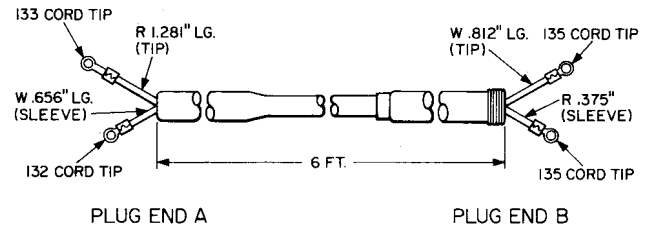


Res 0.016  $\Omega$ /ft

Plug end A is equipped with a 310 plug. Plug end B is equipped with a KS-13737 plug. The tip and ring of the 310 plug are connected to the center contact and outer contact (shield) respectively, of the KS-13737 plug. The cord was intended for use in the J68376B IF test set of the TJ Radio System.

**P2CU**

6 feet long

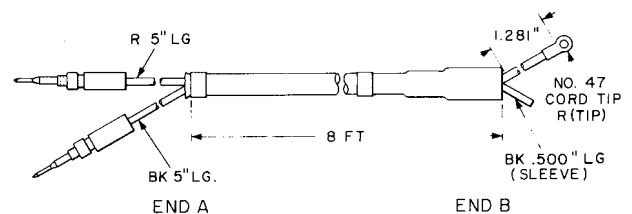


Res 0.21  $\Omega$ /ft

The P2CU cord has tinsel conductors with vinyl insulation. Plug end A is arranged for a 359A plug. Plug end B is arranged for a 347C plug. A short length of neoprene tubing is provided to cover the shell of the 359A plug. When ordered equipped with plugs, the tip and sleeve of the 359A plug are connected to the sleeve and tip, respectively, of the 347C plug. The cord was intended for use with the 164C2 and 164C3 Telegraph Transmission Measuring Sets. Forms part of the 2P31A cord.

**P2CW**

8 feet long



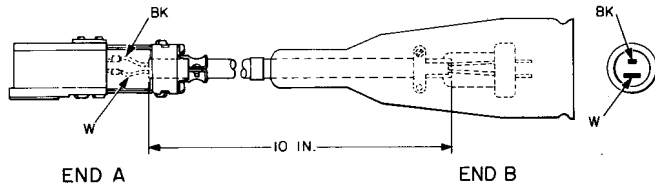
Res 0.01  $\Omega$ /ft

At plug end A, the red and black conductors are equipped with phone tip plugs of corresponding color. Plug end B is arranged for a 310 plug. A short length of neoprene tubing is provided to cover the shell of the 310 plug. The cord was intended for use with the 164C2 and 164C3 Telegraph Transmission Measuring Sets. This cord forms part of the 2P32A cord.

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**P2CY**

10 inches long

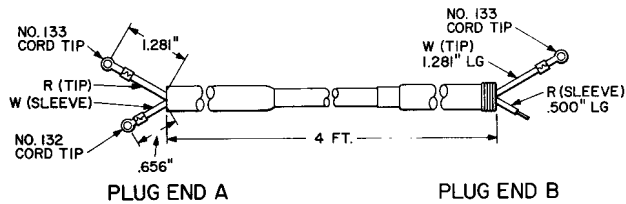


Res 0.006 Ω/ft

Plug end A is equipped with a 407A plug. Plug end B is equipped with an H. B. Jones P-202 CCT plug having a Mueller No. 23 red insulator. The black and white conductors at end A, are connected to the narrow and wide terminals, respectively, of the plug at end B. The cord was intended for use with the KS-14103 Test Set and P2DB cord for testing cable pairs connected to the 444-type jacks in central offices.

**P2DA**

4 feet long

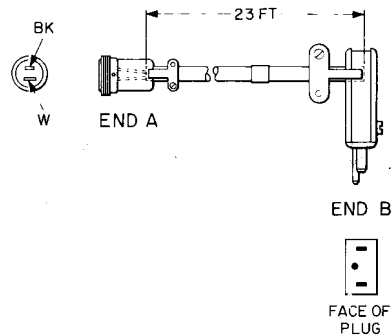


Res 0.21 Ω/ft

Plug end A is arranged for a 359A plug. Plug end B is arranged for a 310 plug. A short length of waterproof tubing is provided to cover the shell of the 359A plug. The cord was intended for use with the 164C2 Telegraph Transmission Measuring Set. The cord forms part of the 2P33A cord.

**P2DB**

23 feet long

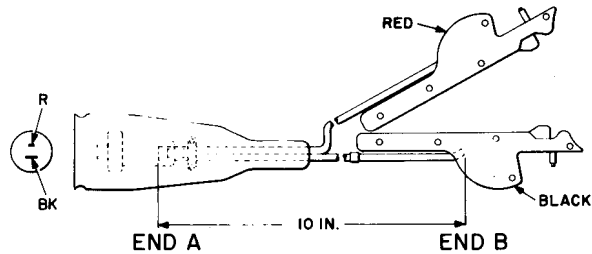


Res 0.006 Ω/ft

Plug end A is equipped with an H. B. Jones S-202-CCT-THR socket. Plug end B is equipped with an H. B. Jones P-2402-CCE plug. When viewing the face of the plug on end B with the polarizing pin on the left side, the top and bottom contacts are connected to the narrow and wide contacts, respectively, of the socket at end A which are connected to the black and white conductors, respectively. The cord was intended for use with the KS-14103 test set and the P2CY, P2DC, or P2DD cord for testing cable pairs connected to the 444-type jacks, 1268A and B, C50A and C52A protectors.

**P2DC**

10 inches long

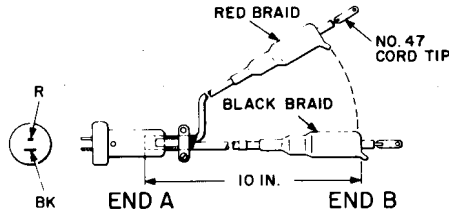


Res 0.006 Ω/ft

Plug end A is equipped with an H. B. Jones P-202 CCT plug, having a red Mueller No. 23 insulator. At end B, the conductors having 417A1 and 417A2 special plugs, are connected to the narrow and wide contacts, respectively, of the plug at end A. The cord was intended for use with the KS-14103 test set and a P2DB cord for testing cable pairs connected to C50A, C52A, 1268A and B, and 1269A protectors.

**P2DD**

10 inches long

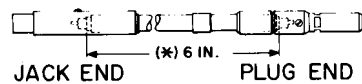


Res 0.006  $\Omega$ /ft

Plug end A is equipped with an H. B. Jones P-202 CCT plug. At plug end B, the conductors having the black and red braid, are arranged for 413C and 413D plugs, respectively, and are connected to the wide and narrow contacts, respectively, of the plug at end A. The cord forms part of the 2P34A cord for use with the KS-14103 test set and a P2DB cord for testing cable pairs connected to 121-type protectors.

**P2DE**

6 inches long \*



\* Also available in 4-foot lengths, when specified.

Res 0.01  $\Omega$ /ft

The P2DE cord was equipped with a 358A plug at the plug end, and a 503A jack at the jack end. The cord is intended for use with the J68405A Transmitter Receiver Test Set in the TH Radio System.

**P2DG**

4 feet long

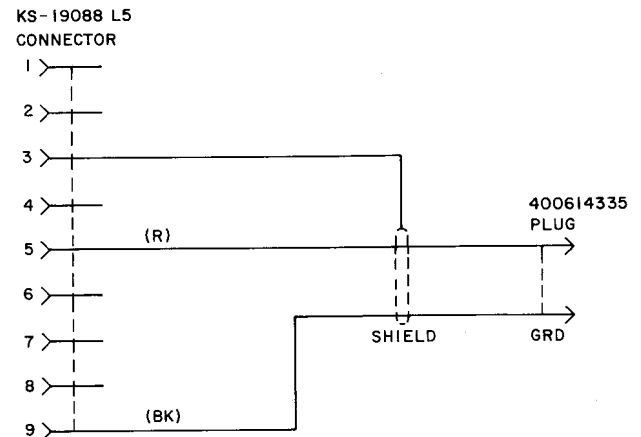
Res 0.05  $\Omega$ /ft



The P2DG cord was equipped with a 358A plug on one end and a molded-on double-pin plug on the other. The center contact and the shell of the plug at the plug end are connected to the pin of the molded-on plug opposite the ground marker and the pin on the side of the ground marker, respectively. The cord was initially intended for use on the J99262AA Test Set for the TL Radio System.

**P2DH**

12 feet long



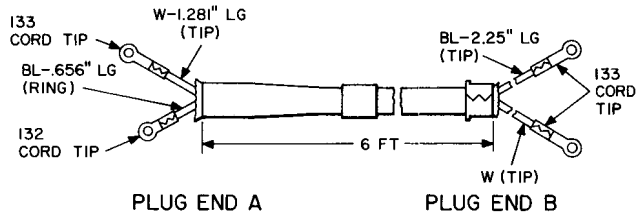
Res 0.017  $\Omega$ /ft

The connector end is equipped with a KS-19088, L5, connector. The plug end is equipped with a 400 614 335 plug. The cord fastener end is equipped with a P-17E761 cord fastener. Terminals 9 and 5 of the connector are connected to the GND terminal and the other terminal, respectively, of the plug. The shield is connected to terminal 3 of the connector. The cord was initially intended for use with the N2 Type Carrier Terminal.

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**P2DJ**

6 feet long

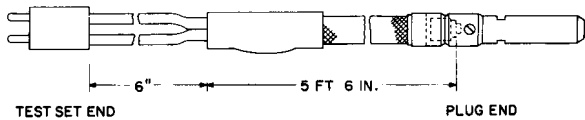


Res 0.21  $\Omega$ /ft

Plug end A is arranged for a 310 plug. Plug end B is arranged for a 425A plug. The cord was initially intended for use with the 2P15A cord and J68602.

**P2DN**

5 feet 6 inches long

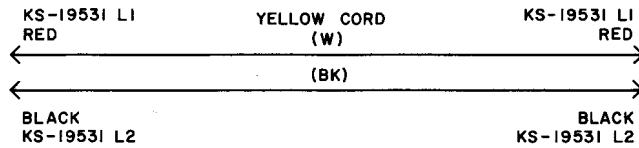


Res 0.016  $\Omega$ /ft

The P2DN cord is equipped with a 358D plug at the plug end, and a 254C plug at the test set end. The cord was initially intended for use with the J99262AA.

**P2DR**

12 feet long

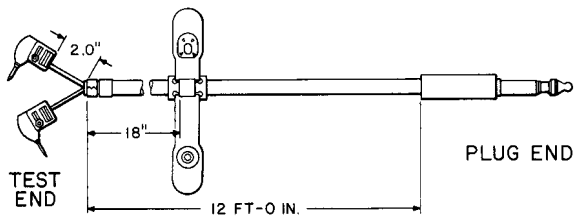


Res 0.006  $\Omega$ /ft

Plug end A and plug end B are each equipped with a KS-19531, L1, (red) and a KS-19531, L2, (black) plug. The red and black plugs at plug end A are connected to the red and black plugs, respectively, at plug end B. The cord was initially intended for use in maintaining the N3 Carrier Telephone Equipment.

**P2DS**

12 feet long

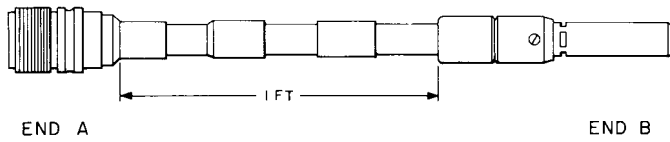


Res 0.01  $\Omega$ /ft

The plug end is equipped with a 310 plug whose conductor connections are red to tip and black to ring. The test end is finished in free conductors equipped with KS-19531, L1, and L2 plugs on the red and black conductors, respectively. The dc resistance of the conductor is 0.01 ohm per foot. The P2DS cord was initially intended for use in maintaining the N3 Carrier Equipment.

**P2DT**

1 foot long

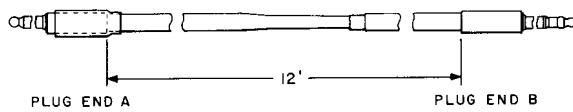


Res 0.01  $\Omega$ /ft

Plug end A is equipped with a KS-14982, L3, jack. Plug end B is equipped with a 358A plug. The cord was initially intended for use with the portable test sets for testing coaxial cables.

**P2DU**

12 feet long

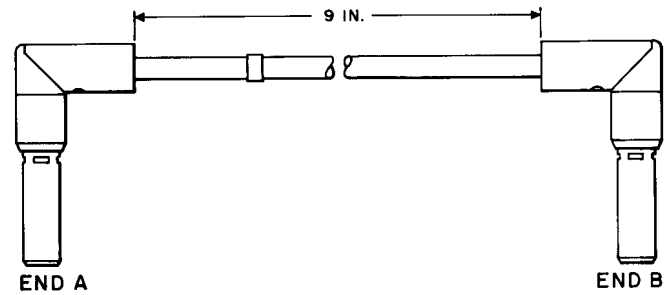


Res 0.21  $\Omega$ /ft

Plug end A is equipped with a 359A plug. Plug end B is equipped with a 310 plug. Both plugs have red shells. The conductor terminations are so arranged that the plug connections are tip to tip (white conductor) and sleeve to sleeve (red conductor). The cord was initially intended as a D1 blank bay equipment maintenance cord in the T1 Carrier System.

**P2DW**

4 inches long

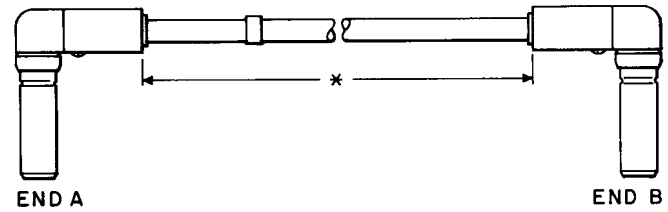


Res 0.01  $\Omega$ /ft

Each end is equipped with a 374A plug and a 2A cushion. The cord was initially intended for interconnecting equipment units mounted on bays in the L4 Main Stations.

**P2DY**

Res 0.01  $\Omega$ /ft



\* Available in 9-inch and 7-foot lengths, as specified.

Plug end A and B are equipped with a 448A plug. The cord was initially intended for connecting equipment units mounted on the bays in the L4 Main Stations.