

**TESTING CORD ASSEMBLIES**  
**4-CONDUCTOR CORDS**  
**W4H THROUGH W4BY**  
**DESCRIPTION**

**1. GENERAL**

**1.01** This section lists and illustrates the W4H through W4BY 4-conductor cords.

**1.02** This section is reissued to:

- Update the format
- Add the W4H and W4J cords
- Update the part number for the switch used on the W4AY cord
- Rate the W4BY cord Mfr Disc.

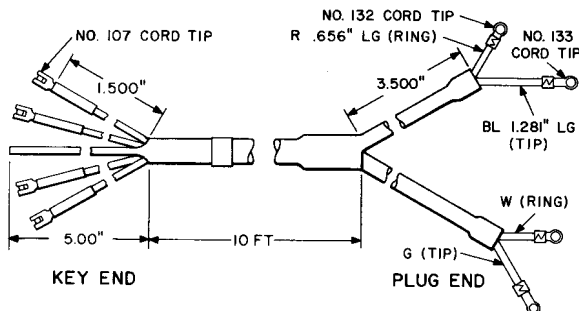
Revision arrows are used to indicate the more significant changes. The Equipment Test List is not affected.

**1.03** For general information on these cords, refer to Section 032-314-100.

**2. DESCRIPTION OF CORDS**

**W4H**

10 feet long



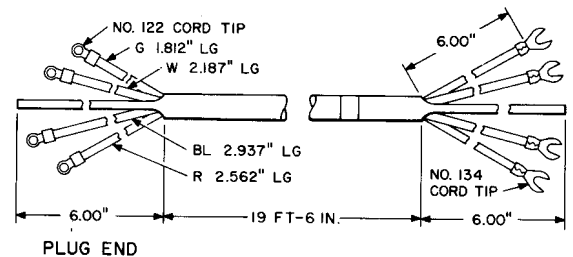
Res 0.21  $\Omega$ /ft

Arranged at the plug end for two 310 plugs (one red and one gray). Arranged at the key end for a 508A key. Initially used with No. 32C and 35C test sets.

**W4J**

19 feet 6 inches long

Res 0.21  $\Omega$ /ft



Arranged at the plug end for a 234 plug. When ordered equipped with a plug; blue, red, white, and green conductors shall be connected to terminals 1, 2, 3, and 4 of the plug, respectively. Initially used as a service observing cord.

**W4M—MFR DISC.**

Replaced by the W4CH cord.

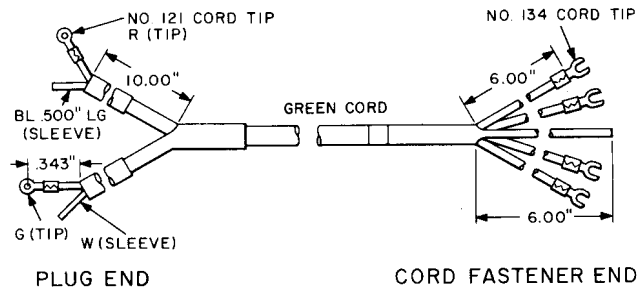
**NOTICE**

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

**SECTION 032-314-131**

**W4P**

19 feet 6 inches long



Res 0.21  $\Omega$ /ft

The W4P cord includes two 121 cord tips on the plug end with the red lead arranged for a 252B plug and the green lead arranged for a 252A plug and four 134 cord tips on the cord fastener end. The cord was initially intended for use in testing and plugging up lines.

**W4W—MFR DISC.**

Replaced by the W4BA cord.

**W4Y—MFR DISC.**

Replaced by the W4BY cord.

**W4AC—MFR DISC.**

Replaced by the W4BW cord.

**W4AD—MFR DISC.**

Replaced by the W4CA cord.

**W4AE—MFR DISC.**

Replaced by the W4CB cord.

**W4AF—MFR DISC.**

Replaced by the W4CE cord.

**W4AG—MFR DISC.**

Replaced by the W4CC cord.

**W4AL—MFR DISC.**

Replaced by the W4CD cord.

**W4AN—MFR DISC.**

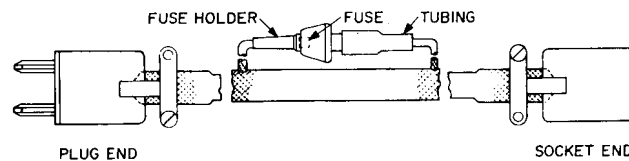
Replaced by the W4BT cord.

**W4AR—MFR DISC.**

Replaced by the W4BU cord.

**W4AU**

6 feet long



Res 0.17  $\Omega$ /ft

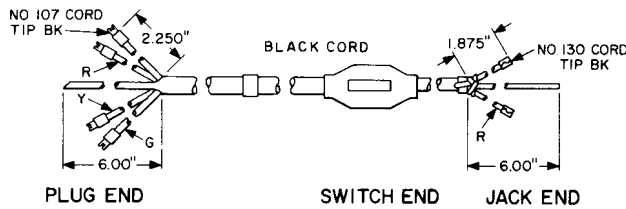
The W4AU cord includes one KS-8585, L9, plug and one KS-8586, L6, socket. Terminals 1, 2, and 4 of the plug are connected to terminals 1, 2, and 4, respectively, of the socket. A 1/8-ampere fuse, assembled on the outside of the cord body, is connected between terminal 3 of the plug and terminal 3 of the socket. The cord was intended for use with the N1 Carrier Telephone System in connection with testing the J94002N group unit switching set.

**W4AW—MFR DISC.**

No replacement.

**W4AY**

8 feet long

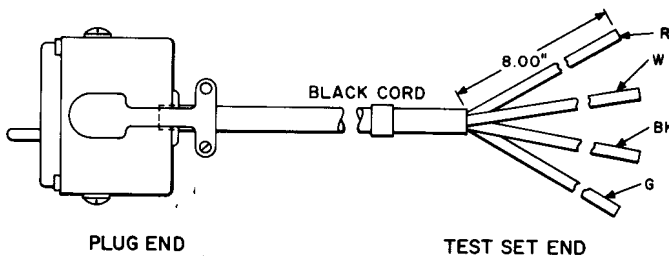


Res 0.21 Ω/ft

The W4AY cord includes a 400409363 switch, which is connected to the yellow and green conductors, four 107 cord tips arranged for a 240A plug, and two 130 cord tips arranged for a 471A jack. The cord was initially intended for use in the SD-64604-01 talking trunk and test circuits of the Step-by-Step Telephone Systems.

**W4BA**

4 feet 6 inches long



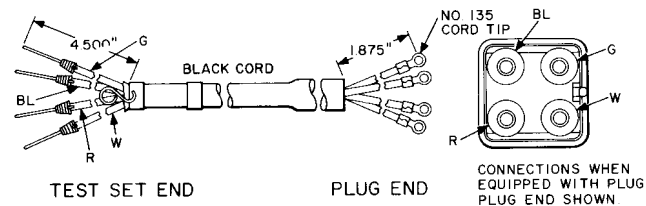
Res 0.004 Ω/ft

The W4BA cord includes a KS-13875, L1, plug. The test set end of the cord is finished with 8-inch unskinned conductors. The green conductor is connected to plug terminal 1 which is strapped to terminals 0, 2, 3, 4, and 5. The white conductor is connected to plug terminal 10 which is strapped to terminals 6, 7, 8, 9, and 11. The red conductor is connected to plug terminal 16 which is strapped to terminal 19. The black conductor is connected

to plug terminal 15 which is strapped to terminals 14, 17, and 18. Plug terminals 12 and 13 have no connections. The cord was initially intended for use with the J64001AM power supply in connection with the L3 Carrier Telephone System.

**W4BD**

12 feet long



Res 0.21 Ω/ft

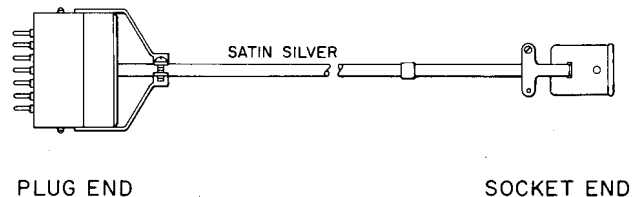
The W4BD cord includes four 135 cord tips arranged for a 315A plug and four 1-inch lengths of bare No. 22 AWG tinned copper wire. The cord was initially intended for use with the J98612F test set in testing E2 and E3 repeaters.

**W4BF—MFR DISC.**

Replaced by the W4CF cord.

**W4BH**

6 feet long



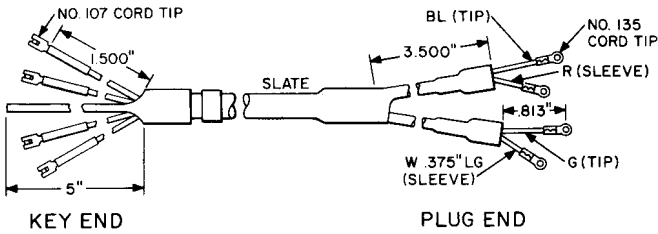
Res 0.17 Ω/ft

The W4BH cord includes one KS-14461, L3, plug and one KS-8586, L6, socket. Terminals 10, 6, 13, and 7 of the plug are connected to terminals 1, 2, 3, and 4, respectively, of the socket. The cord was initially intended for use with the J98703BD repeater switching set in the N Carrier System.

**SECTION 032-314-131**

**W4BJ**

8 feet long



Res 0.21 Ω/ft

The W4BJ cord includes four 107 cord tips arranged for a 508A key and four 135 cord tips arranged for the 347C and D plugs. The cord was initially intended for use on the 32D test set.

**W4BK—MFR DISC.**

Replaced by the W4BR cord.

**W4BL—MFR DISC.**

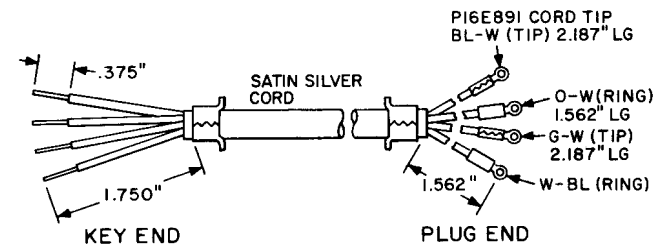
Replaced by the W4BS cord.

**W4BM—MFR DISC.**

Replaced by the W4CG cord.

**W4BP**

6 feet long

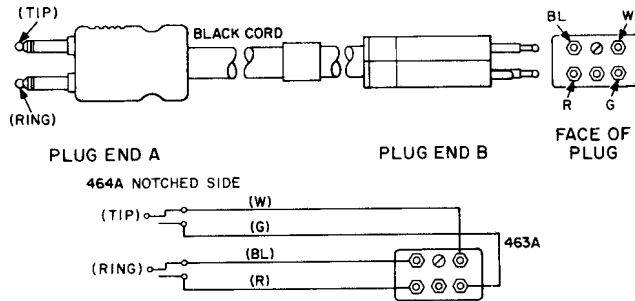


Res 0.05 Ω/ft

The W4BP cord includes two wing-type staybands, four P16E891 cord tips arranged for a 425A plug, and four skinned and solder dipped free conductors arranged for two 6064A keys. Initially intended for use with the 134A test set.

**W4BR**

16 feet long



Res 0.21 Ω/ft

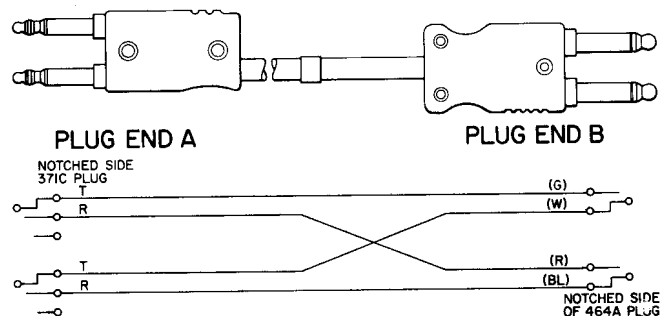
The W4BR cord includes one 464A plug and one 463A plug. The cord was initially intended for use with 302-type connectors in No. 1 ESS.

**W4BS—MFR DISC.**

Replaced by the W4CL cord.

**W4BT**

6 feet long

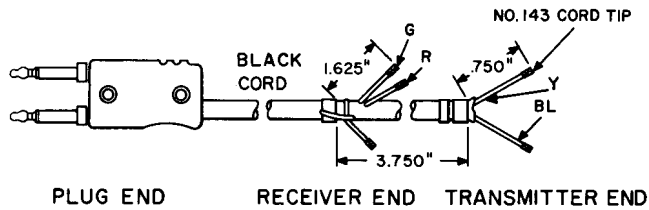


Res 0.284 Ω/ft

The W4BT cord includes a 371C plug and a 464A plug. The cord was initially intended for use with testing No. 5 toll switchboards.

**W4BU**

5 feet long

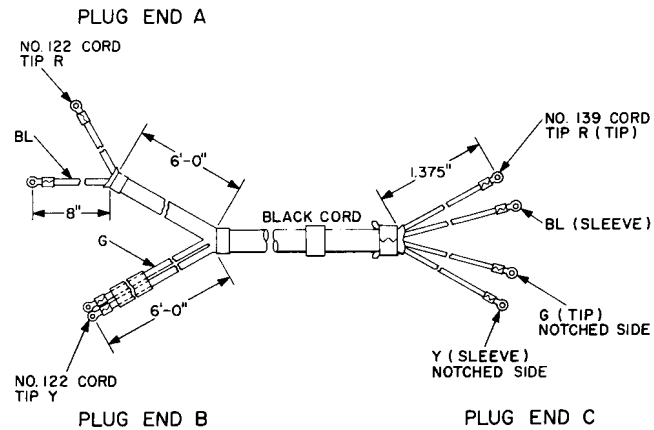


Res 0.284  $\Omega$ /ft

The W4BU cord includes a 371C plug and four 143 cord tips arranged for connection to a 52-type head telephone set. The red and green conductors are connected to the tip and ring, respectively, on the notched side of the plug and the blue and yellow conductors to the tip and ring, respectively, on the other side. The cord was initially intended for use with the No. 5 Toll Switchboards.

**W4BW**

6 feet long



Res 0.21  $\Omega$ /ft

The W4BW cord includes at plug end A, two 122 cord tips arranged for two 251-type plugs; at plug end B, two 122 cord tips arranged for two 251-type plugs; and at plug end C, four 139 cord tips arranged for a 464C plug. The cord was initially intended for use as a test cord to replace the W4AC cord.

◆W4BY—MFR DISC.

No replacement.◆