

PATCHING CORD ASSEMBLIES
6-CONDUCTOR CORDS
P6B THROUGH P6AE
DESCRIPTION

1. GENERAL

1.01 This section list and illustrates the coded 6-conductor patching cord assemblies.

1.02 This section is reissued to add the following cords:

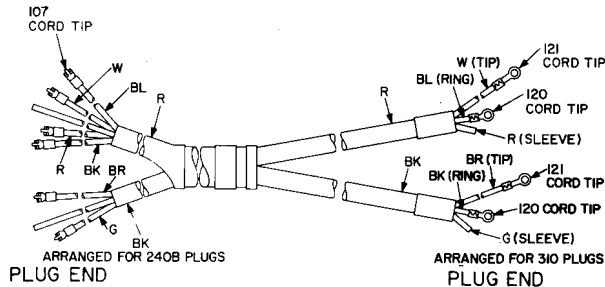
P6AC
P6AD
P6AE

The Equipment Test List is not affected.

2. DESCRIPTION OF CORDS

P6B

11 feet long



Res 0.21 Ω /ft

The P6B cord includes six 107 cord tips, two 121 cord tips, and two 120 cord tips. The cord was initially intended for patching a test circuit to a line finder in Step-by-Step Systems.

P6D—Mfr Disc.

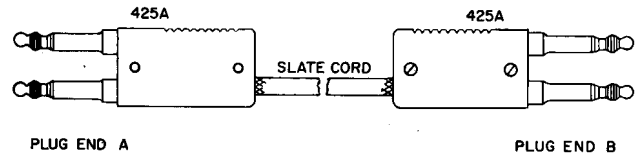
The P6D cord is replaced by the P6S cord.

P6H—Mfr Disc.

The P6H cord is replaced by the P6T cord.

P6J

3 or 6 feet long (The length required must be specified.)



Res 0.18 Ω /ft

The P6J cord includes two 425A plugs. The cord was initially intended for use with the 19A toll test board and 5A test unit associated with the 4-wire No. 5 Crossbar System. The tip, ring, and sleeve of the plug finger nearest the notched side of the plug at plug end A are connected the tip, ring, and sleeve, respectively, of the plug finger nearest the notched side of the plug at plug end B. The tip, ring, and sleeve of the other plug finger at plug end A are connected to the tip, ring, and sleeve, respectively, of the other plug finger at plug end B.

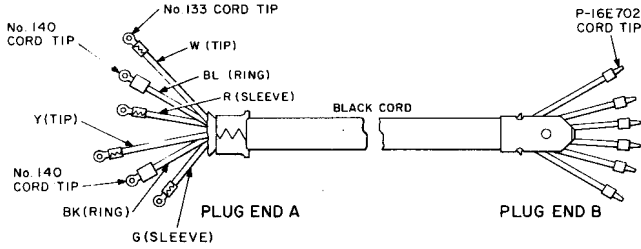
NOTICE

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

SECTION 032-316-111

P6K

7 feet long (when specified, may be ordered equipped with one 428A plug and one 351G plug.)



Res 0.21 Ω /ft

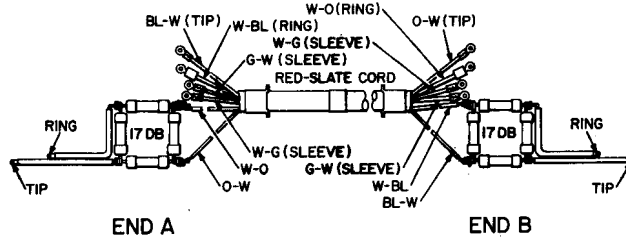
The P6K cord includes two 140-cord tips, four 133-cord tips, and six special cord tips. Plug end A is arranged for a 428A plug. The shanks of the cord tips on the ring conductors are insulated. When ordered equipped with a plug, the white, blue, and red conductors will be connected to the finger on the notched side of the plug and the yellow, black, and green conductors will be connected to the other finger. Plug end B is arranged for a 351G plug. The shanks of the cord tips are insulated. When ordered equipped with a plug, the conductors will be connected to the springs of the plug in the order red, blue, white, green, black, and yellow from the handle. The cord was initially intended for use with the SD-65827-01 test circuit for testing register sender and sender link circuits.

P6L—Mfr Disc.

The P6L cord is replaced by the P6Y cord.

P6M

15 feet long (When specified, 10- and 20-foot cords can be obtained.)

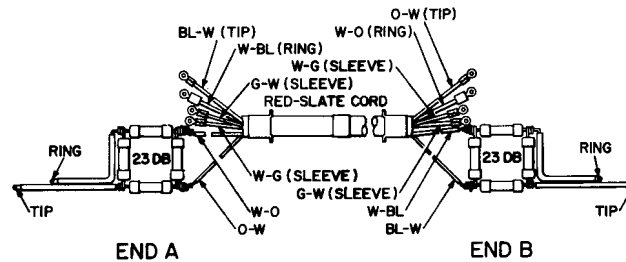


Res 0.017 Ω /ft

The P6M cord is equipped with a 17 dB electrical pad at each end in the tip and ring circuit. Both ends are arranged for 430A plugs. Initially used as part of the 6P9A, B, and C cords.

P6N

15 feet long (10-, 20, and 25-foot cords can be obtained when specified.)



Res 0.017 Ω /ft

The P6N cord is equipped with 23 dB electrical pads at each end in the tip and ring circuit. Both ends are arranged for 430A plugs. Initially used as part of the 6P10A, B, C, and D cords.

P6P—Mfr Disc.

P6R

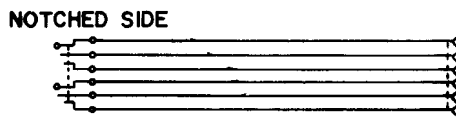
7 feet long



PLUG END A

PLUG END B

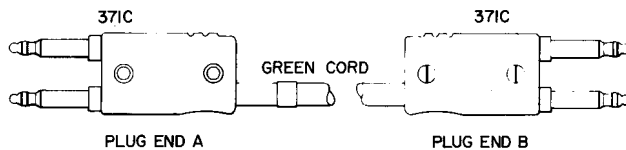
Res 0.42 Ω /ft



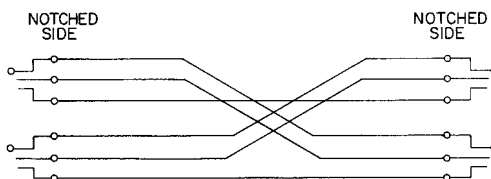
The P6R cord includes one 428A plug and one 459B plug. The cord was initially intended for use with the miniature crossbar switch.

P6S

6 and 8 feet long (Unless otherwise specified, 6-foot length shall be furnished.)



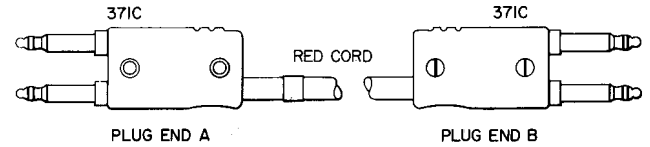
Res 0.28 Ω /ft



The P6S cord replaces the P6D cord. The P6S cord includes two 371C plugs. The cord was initially intended for use in toll switching — PBX.

P6T

2, 4, and 8 feet long (Unless otherwise specified, 2-foot length shall be furnished.)

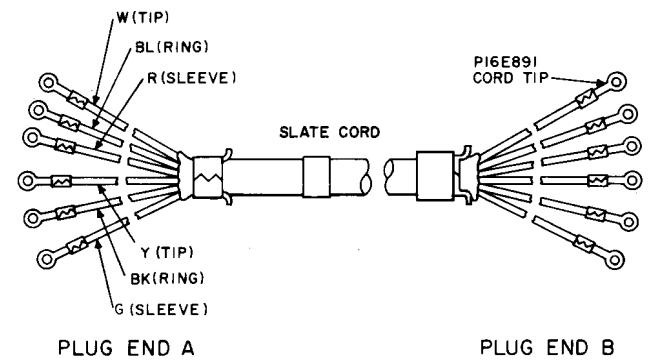


Res 0.28 Ω /ft

The P6T cord replaces the P6H cord. The P6T cord includes two 371C plugs. The cord was initially intended for use with the 19A toll test board with 4-wire. The tip, ring, and sleeve of the plug finger nearest the notched side of the plug at plug end A are connected to the tip, ring, and sleeve, respectively, of the plug finger nearest the notched side of the plug at plug end B. The tip, ring, and sleeve, of the other plug finger at plug end A are connected to the tip, ring, and sleeve, respectively, of the other plug finger at plug end B.

P6W

12 feet long



Res 0.18 Ω /ft

The P6W cord includes 12 P-16E891 cord tips. Plug end A is finished for a 425A-type plug. Plug end B is finished for a 511A or B plug. The cord was initially intended for use as part of the 6P13A and B cords.

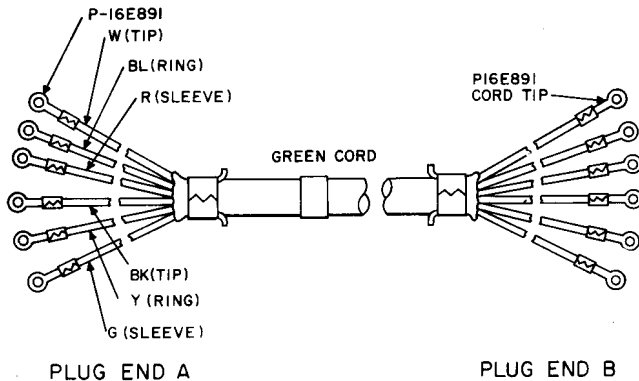
SECTION 032-316-111

P6Y

The standard lengths and corresponding braid colors shall be as follows:

<u>Length</u>	<u>Braid Color</u>
1 foot	Slate
3 feet	Slate, Red-Slate
5 feet	Red-Slate
6 feet	Slate, Green
7 feet	Red-Slate
8 feet	Slate
9 feet	Red-Slate
10 feet	Green
15 feet	Green
20 feet	Green
25 feet	Green

Unless otherwise specified, the 5-foot red-slate cord shall be furnished.

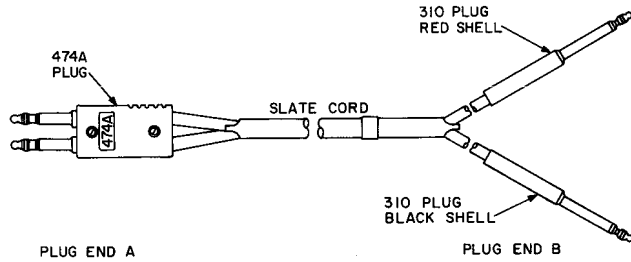


Res 0.28 Ω/ft

Each end of the P6Y cord is arranged for a 425A plug. Initially used with the 6P8A, B, C, D, and E cords.

P6AA

6 feet 6 inches or 10 feet 6 inches long (Unless otherwise specified, the 6-foot 6-inch length shall be furnished.)

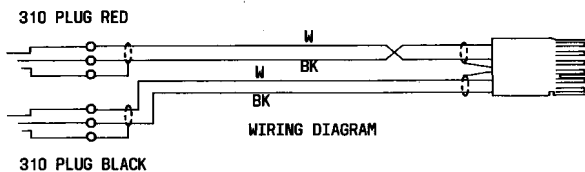
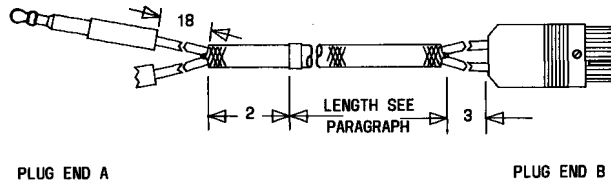


Res 0.017 Ω/ft

The P6AA cord includes one 474A plug and two 310 plugs, one with a red shell and one with a black shell. The 310 plugs terminate on the two shielded cables which form 18-inch long cord arms. The cable wired to the red shell 310 plug connects to the plug finger on the notched side of the 474A plug, and the cable wired to the black shell 310 plug connects to the other 474A plug finger. Connections shall be tip to tip, ring to ring, and sleeve to sleeve with shields connected to the sleeves. The cord was initially intended for use in the D3 Channel bank.

P6AC

6 feet and 12 feet long (Length of the cord must be specified in the order.)

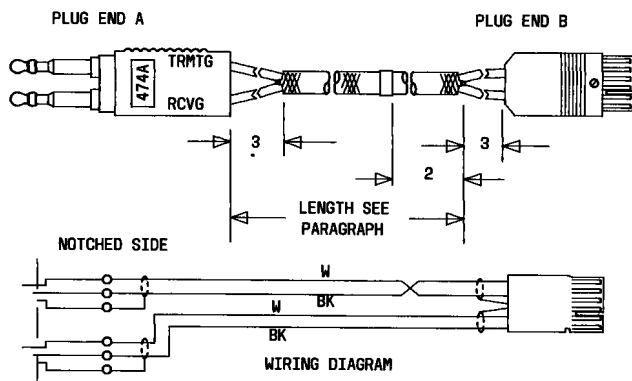


Res 0.017 Ω/ft

The P6AC cord, on the plug end A, there are two 310 plugs, one with a red shell and the other with a black shell. End B has a 480A plug. The 310 plugs terminate on two shielded cables which form 18-inch long cord arms. The cord is a slate nylon braid covered cord consisting of two gray, vinyl-jacketed cables each having a twisted pair of PVC insulated, No. 22 AWG stranded wire conductors encased in a tinned copper braided shield. This cord is initially used on testing D4 Channel Bank.

P6AD

6 feet and 12 feet long (Length of the cord must be specified in the order.)



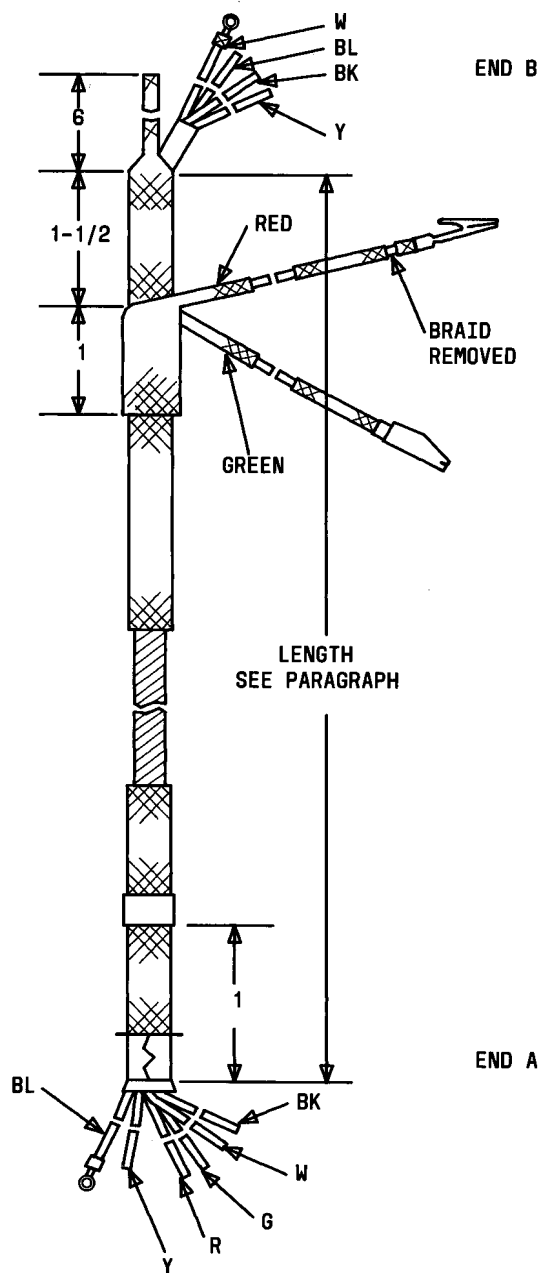
Res 0.017 Ω/ft

The P6AD cord includes, on end A, a 474A plug and on end B, a 480B plug. The cord is a slate, nylon braided covered cord consisting of two gray, vinyl-jacketed cables each having a twisted pair of PVC insulated, No. 22 AWG stranded wire conductor encased in a tinned copper braided shield. The cord is initially intended for use in testing the D4 Channel Bank.

P6AE

10 feet and 20 feet long (Length of the cord must be specified in the order.)

Res 0.21 Ω/ft



The P6AE cord, on end A, is finished for a 425A plug. End B is finished for a 415A plug. The later end also has two 6-inch long free conductors which break out of the cord body adjacent to where the 415A plug is intended to be attached. Each of the free conductors shall terminate on a Mueller Electric No. 30 clip encased in a Mueller No. 32 insulator. The cord is slate, nylon, braided cord consisting of six tinsel conductors with vinyl insulation. The initial use of the cord is with the No. 6P15A and 6P15B cords required for the No. 4 type Toll Switching System.