

PATCHING AND TESTING CORD ASSEMBLIES
3-CONDUCTOR CORDS

1. GENERAL

1.01 This section lists and illustrates the standard 3-conductor patching and testing cord assemblies required for the patching and testing of equipment in central offices.

1.02 For convenience in ordering patching and testing cord assemblies, combination apparatus codes as shown in the upper left-hand corner of each item have been established. These codes should be used in all cases for ordering the complete assemblies shown.

1.03 When a part of an assembly is desired for replacing purposes and the part is covered by an individual apparatus code or part number shown below the combination assembly code number, the part should be ordered by the individual apparatus code or part number as specified. When ordering a part give both the part number (piece part or apparatus code) and the name of the part, for example, P-14A209 terminal strip. Do not include any information in parentheses.

1.04 There are some assemblies in which the cord itself is not assigned an apparatus code. In such cases, the combination apparatus code must be used in ordering replacements.

1.05 Assemblies in which the individual cords are not covered by apparatus codes are assigned codes such as:

CORD, W3B

All other assemblies are assigned codes such as:

CORD, 3P1A or 3W1A

where the first letter is always preceded by a numeral. In this latter case, the first numeral indicates the number of conductors in the cord and the first letter indicates whether it is a patching or a testing cord; that is, P means a patching cord (a cord equipped with plugs at both ends) and W means a testing cord. The remainder of the code is used to identify a particular assembly in a group.

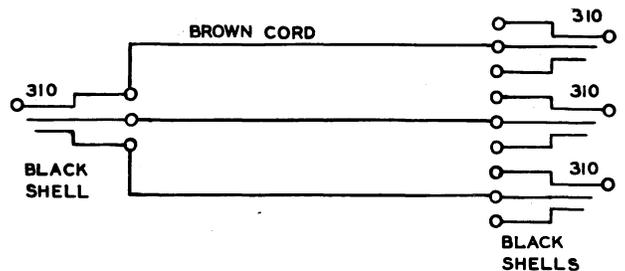
1.06 Information pertaining to the relation of plugs and jacks and for ordering plugs separately is covered in Section A710.059.

1.07 Unless otherwise specified, cord conductors have a nominal resistance of 0.2 ohm per conductor foot.

2. 3-CONDUCTOR PATCHING CORDS

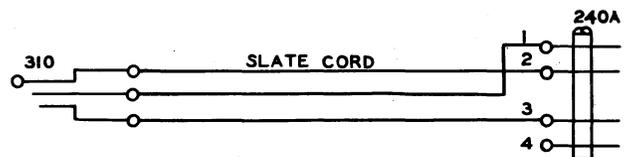
CORD, 3P1A

1 P3A cord, 3 feet long, equipped with:
4 No. 310 plugs with black shells



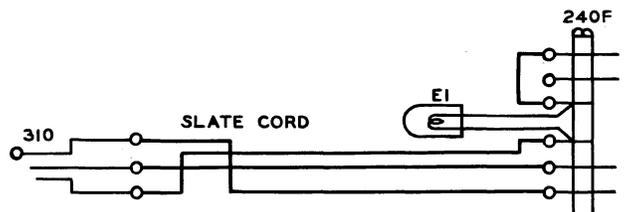
CORD, 3P2A

1 P3H cord, 10 feet long, equipped with:
1 No. 310 plug and
1 No. 240A plug



CORD, 3P2B

1 P3H cord, 5 feet long, equipped with:
1 No. 310 plug and
1 No. 240F plug



The E1 lamp must be ordered separately.

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CORD, 3P3A (Replaces the No. 3P26A cord)

- 1 P3D cord, 6 feet long, equipped with:
- 2 No. 309 plugs

CORD, 3P3B

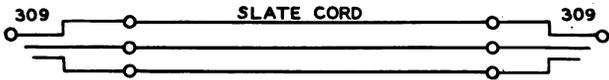
- 1 P3D cord, 8 feet long, equipped with:
- 2 No. 309 plugs

CORD, 3P3C

- 1 P3D cord, 3 feet long, equipped with:
- 2 No. 309 plugs

CORD, 3P3D

- 1 P3D cord, 9 inches long, equipped with:
- 2 No. 309 plugs



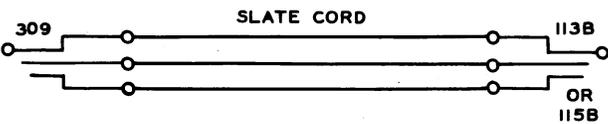
For red-green cord, 8 feet long, see 3P31A.

CORD, 3P4A

- 1 P3D cord, 6 feet long, equipped with:
- 1 No. 309 plug,
- 1 No. 113B gauge, and
- 1 No. 121A cord weight

CORD, 3P5A

- 1 P3D cord, 6 feet long, equipped with:
- 1 No. 309 plug and
- 1 No. 115B gauge



CORD, 3P6A

- 1 P3E slate cord, 1 foot long, equipped with:
- 2 No. 310 plugs

CORD, 3P6B

"Mfr. Disc."
(Replaced by the No. 3P7A cord)

CORD, 3P6C

- 1 P3E slate cord, 6 feet long, equipped with:
- 2 No. 310 plugs with gray shells

CORD, 3P6D

- 1 P3E slate cord, 6 feet long, equipped with:
- 2 No. 310 plugs with black shells

CORD, 3P6E

- 1 P3E slate cord, 8 feet long, equipped with:
- 2 No. 310 plugs

CORD, 3P6F

- 1 P3E slate cord, 10 feet long, equipped with:
- 2 No. 310 plugs

CORD, 3P6G

- 1 P3E slate cord, 12 feet long, equipped with:
- 2 No. 310 plugs

CORD, 3P6H

- 1 P3E slate cord, 15 feet long, equipped with:
- 2 No. 310 plugs

CORD, 3P6J

- 1 P3E slate cord, 20 feet long, equipped with:
- 2 No. 310 plugs

CORD, 3P6K

- 1 P3E slate cord, 25 feet long, equipped with:
- 2 No. 310 plugs

CORD, 3P7A (Replaces the No. 3P6B cord)

- 1 P3E slate cord, 6 feet long, equipped with:
- 2 No. 310 plugs

CORD, 3P7B

- 1 P3E slate cord, 3 feet long, equipped with:
- 2 No. 310 plugs

CORD, 3P7C

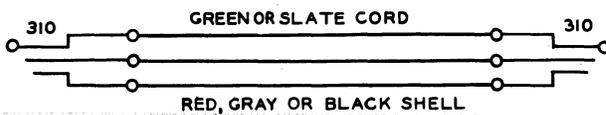
- 1 P3E green cord, 8 feet long, equipped with:
2 No. 310 plugs with black shells

CORD, 3P7D

- 1 P3E slate cord, 2 feet long, equipped with:
2 No. 310 plugs with black shells

CORD, 3P7E

- 1 P3E slate cord, 4 feet long, equipped with:
2 No. 310 plugs



CORD, 3P8A

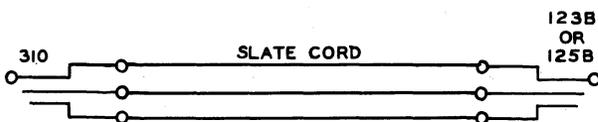
- 1 P3E cord, 6 feet long, equipped with:
1 No. 310 plug,
1 No. 123B gauge, and
1 No. 121A cord weight

CORD, 3P8B

- 1 P3E cord, 6 feet long, equipped with:
1 No. 310 plug and
1 No. 123B gauge

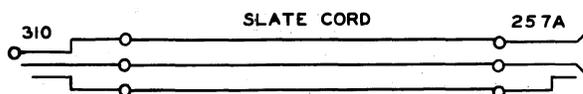
CORD, 3P9A

- 1 P3E cord, 6 feet long, equipped with:
1 No. 310 plug and
1 No. 125B gauge



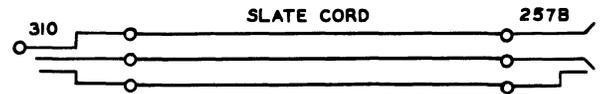
CORD, 3P10A

- 1 P3E cord, 6 feet long, equipped with:
1 No. 310 plug and
1 No. 257A plug



CORD, 3P11A

- 1 P3E cord, 6 feet long, equipped with:
1 No. 310 plug and
1 No. 257B plug



CORD, 3P12A

- 1 P3F slate cord, 4 feet long, equipped with:
1 No. 309 plug and
1 No. 310 plug

CORD, 3P12B

- 1 P3F red cord, 4 feet long, equipped with:
1 No. 309 plug and
1 No. 310 plug

CORD, 3P12C

- 1 P3F green cord, 4 feet long, equipped with:
1 No. 309 plug and
1 No. 310 plug

CORD, 3P12D

- 1 P3F black cord, 4 feet long, equipped with:
1 No. 309 plug and
1 No. 310 plug

CORD, 3P12E (Replaces the No. 3P25A cord)

- 1 P3F slate cord, 6 feet long, equipped with:
1 No. 309 plug and
1 No. 310 plug

CORD, 3P12F

- 1 P3F slate cord, 6 feet long, equipped with:
1 No. 309 plug with gray shell and
1 No. 310 plug with gray shell

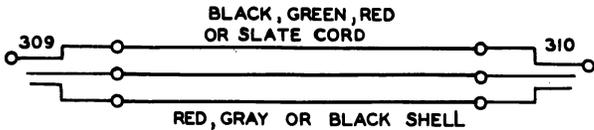
CORD, 3P12G

- 1 P3F slate cord, 6 feet long, equipped with:
1 No. 309 plug with black shell and
1 No. 310 plug with black shell

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CORD, 3P12H

- 1 P3F slate cord, 8 feet long, equipped with:
 - 1 No. 309 plug and
 - 1 No. 310 plug



CORD, 3P13A

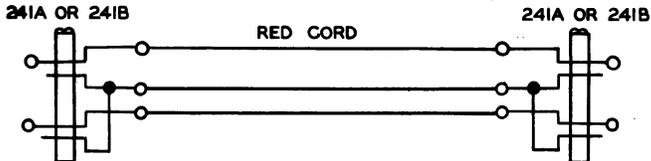
- 1 P3J cord, 3 feet long, equipped with:
 - 2 No. 241A plugs

CORD, 3P14A

- 1 P3J cord, 3 feet long, equipped with:
 - 2 No. 241B plugs

CORD, 3P14B

- 1 P3J cord, 6 feet long, equipped with:
 - 2 No. 241B plugs

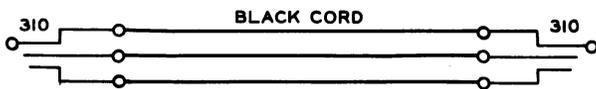


CORD, 3P15A

- 1 P3K cord, 6 feet long, equipped with:
 - 2 No. 310 plugs
 - Res. 0.04 ω /ft

CORD, 3P15B

- 1 P3K cord, 12 feet long, equipped with:
 - 2 No. 310 plugs
 - Res. 0.04 ω /ft

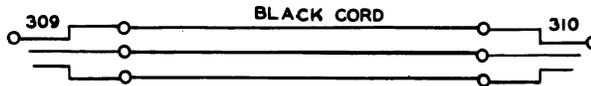


CORD, 3P16A

- 1 P3L cord, 6 feet long, equipped with:
 - 1 No. 309 plug and
 - 1 No. 310 plug
 - Res. 0.04 ω /ft

CORD, 3P16B

- 1 P3L cord, 12 feet long, equipped with:
 - 1 No. 309 plug
 - 1 No. 310 plug
 - Res. 0.04 ω /ft



CORD, 3P17A

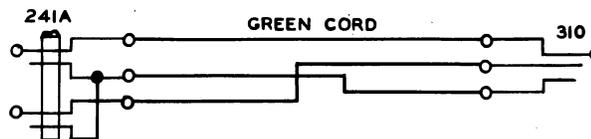
- 1 P3N cord, 3 feet long, equipped with:
 - 1 No. 310 plug and
 - 1 No. 241A plug

CORD, 3P17B

- 1 P3N cord, 6 feet long, equipped with:
 - 1 No. 310 plug and
 - 1 No. 241A plug

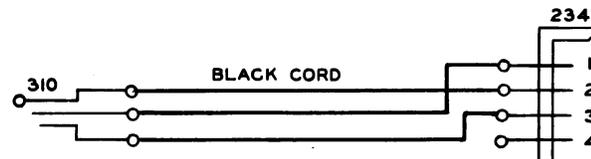
CORD, 3P17C

- 1 P3N cord, 15 feet long, equipped with:
 - 1 No. 310 plug and
 - 1 No. 241A plug



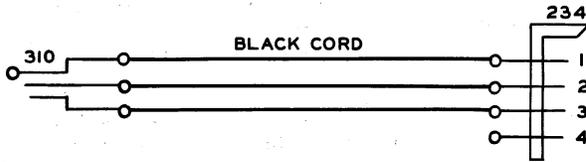
CORD, 3P18A

- 1 P3R cord, 19 feet 6 inches long, equipped with:
 - 1 No. 234 plug and
 - 1 No. 310 plug



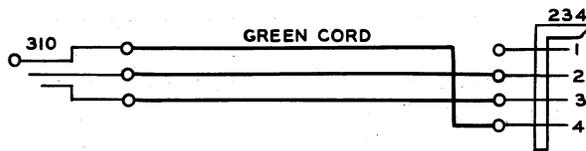
CORD, 3P18B

1 P3R cord, 19 feet 6 inches long, equipped with:
 1 No. 234 plug and
 1 No. 310 plug



CORD, 3P19A

1 P3S cord, 19 feet 6 inches long, equipped with:
 1 No. 234 plug and
 1 No. 310 plug



CORD, 3P20A

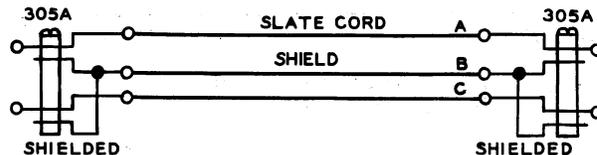
1 P3P cord, 4 feet long, equipped with:
 2 No. 305A plugs

CORD, 3P20B

1 P3P cord, 6 feet long, equipped with:
 2 No. 305A plugs

CORD, 3P20C

1 P3P cord, 12 feet long, equipped with:
 2 No. 305A plugs



Res. of $\left(\frac{A}{\pi}\right)$ or $\left(\frac{C}{\pi}\right)$ is shielding
 $0.013 \omega/\text{ft}$
 $\left(\frac{B}{\pi}\right)$

CORD, 3P21A

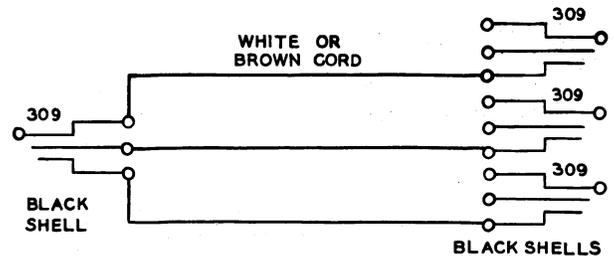
1 No. 642 brown cord, 3 feet 6 inches long, equipped with:
 4 No. 309 plugs with black shells

CORD, 3P21B

1 No. 642 white cord, 3 feet 6 inches long, equipped with:
 4 No. 309 plugs with black shells

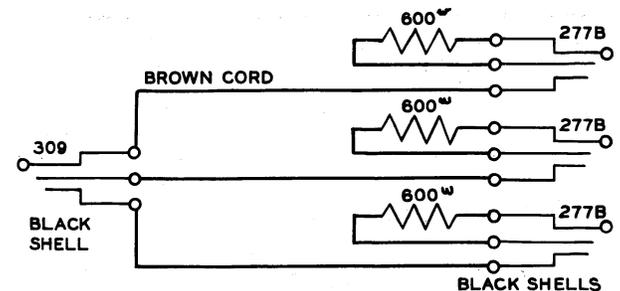
CORD, 3P21C

1 No. 642 white cord, 5 feet long, equipped with:
 4 No. 309 plugs with black shells



CORD, 3P22A

1 No. 642 cord, 3 feet 6 inches long, equipped with:
 1 No. 309 plug with black shell and
 3 No. 277B plugs with black shells



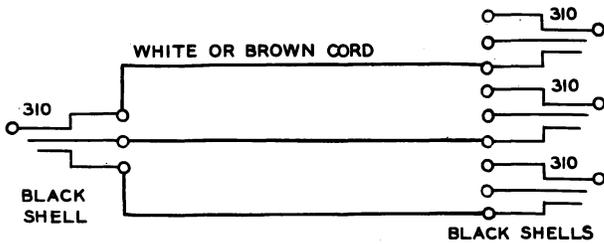
CORD, 3P23A

1 No. 643 brown cord, 3 feet long, equipped with:
 4 No. 310 plugs with black shells

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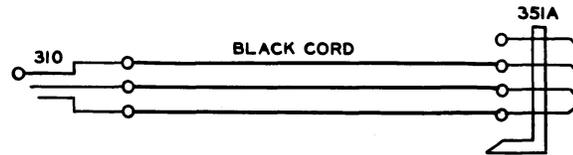
CORD, 3P23B

- 1 No. 643 white cord, 5 feet long equipped with:
- 4 No. 310 plugs with black shells



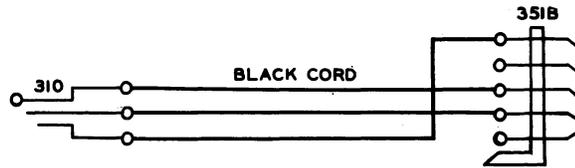
CORD, 3P27B

- 1 P3U cord, 7 feet long, equipped with:
- 1 No. 310 plug with black shell and
- 1 No. 351A plug



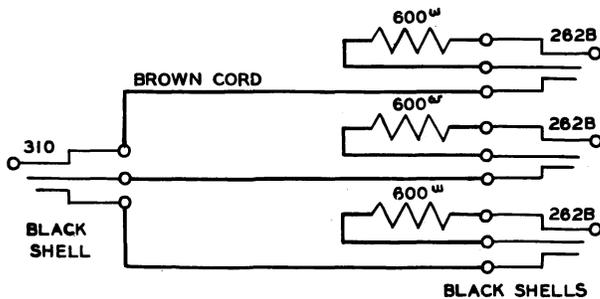
CORD, 3P28A (Replaces the D-157526 cord)

- 1 P3U cord, 7 feet long, equipped with:
- 1 No. 310 plug and
- 1 No. 351B plug



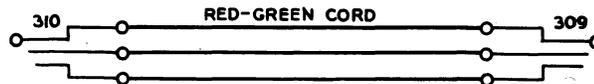
CORD, 3P24A

- 1 No. 643 cord, 3 feet long, equipped with:
- 1 No. 310 plug with black shell and
- 3 No. 262B plugs with black shells



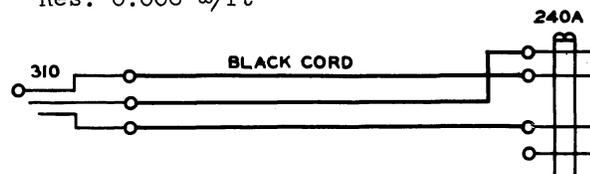
CORD, 3P29A

- 1 P3F cord, 8 feet long, equipped with:
- 1 No. 309 plug and
- 1 No. 310 plug



CORD, 3P30A

- 1 P3AA cord, 10 feet long, equipped with:
- 1 No. 310 plug and
- 1 No. 240A plug
- Res. 0.006 ω /ft

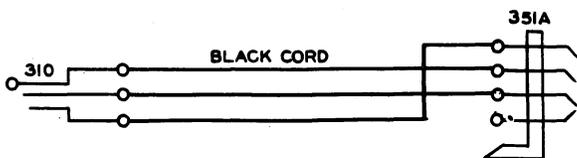


CORD, 3P25A "Mfr. Disc."
(Replaced by the No. 3P12E cord)

CORD, 3P26A "Mfr. Disc."
(Replaced by the No. 3P3A cord)

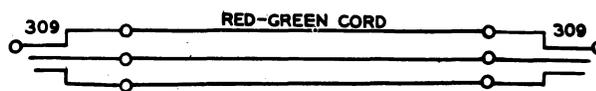
CORD, 3P27A (Replaces the D-157527 cord)

- 1 P3U cord, 7 feet long, equipped with:
- 1 No. 310 plug and
- 1 No. 351A plug



CORD, 3P31A

- 1 P3D cord, 8 feet long, equipped with:
- 2 No. 309 plugs

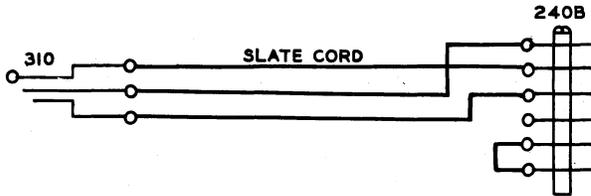


CORD, 3P32A

- 1 P3H cord, 5 feet long, equipped with:
 - 1 No. 240B plug and
 - 1 No. 310 plug

CORD, 3P33A

- 1 P3H cord, 10 feet long, equipped with:
 - 1 No. 240B plug and
 - 1 No. 310 plug



CORD, 3P36B

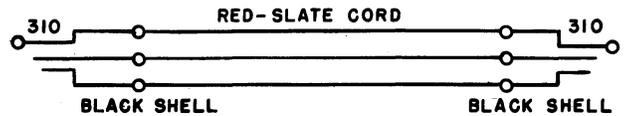
- 1 P3AJ cord, 15 feet long, equipped with:
 - 2 No. 310 plugs with black shells

CORD, 3P36C

- 1 P3AJ cord, 20 feet long, equipped with:
 - 2 No. 310 plugs with black shells

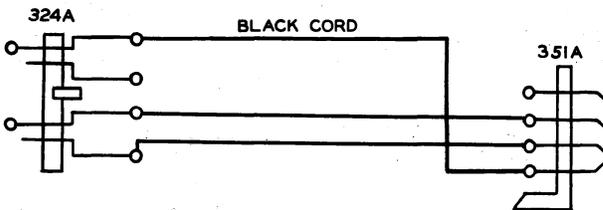
CORD, 3P36D

- 1 P3AJ cord, 25 feet long, equipped with:
 - 2 No. 310 plugs with black shells



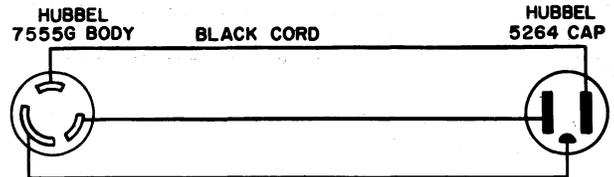
CORD, 3P34A

- 1 P3AC cord, 7 feet long, equipped with:
 - 1 No. 351A plug and
 - 1 No. 324A plug



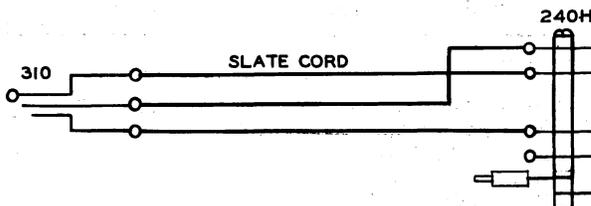
CORD, 3P38A

- 1 P3AR cord, 10 feet long, equipped with:
 - 1 No. 7555G Hubbel connector body
 - 1 No. 5264 Hubbel plug cap



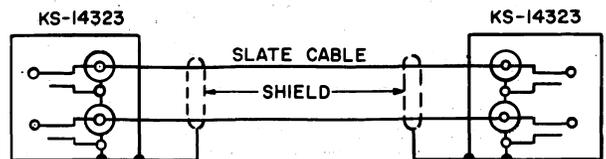
CORD, 3P35A

- 1 P3H cord, 10 feet long, equipped with:
 - 1 No. 240H plug and
 - 1 No. 310 plug



CORD, P3AG

- 2 feet, 5 feet, 10 feet, or 20 feet long
(Order Length As Required)
Res. 0.016 ω /ft



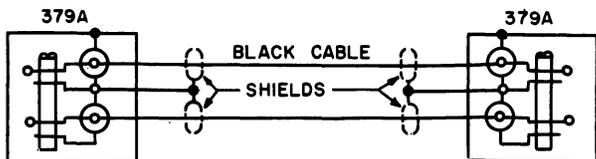
CORD, 3P36A

- 1 P3AJ cord, 10 feet long, equipped with:
 - 2 No. 310 plugs with black shells

The code of the cord includes two KS-14323 plugs. The KS-14323 plug is arranged to work with the KS-14324 jack. The cord is primarily intended for use with the J44100 video transmission, A2 video amplifier equipment.

→ CORD, P3AH

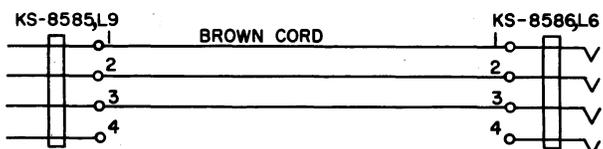
2 feet, 4 feet, 6 feet, or 10 feet long
(Order Length As Required)
Res. 0.016 ω /ft



The code of the cord includes two No. 379A plugs.

→ CORD, P3AK

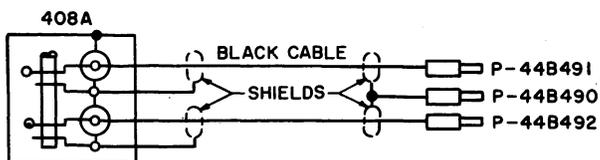
1 foot long
Res. 0.006 ω /ft



The code of the cord includes one KS-8585,L9 plug and one KS-8586,L6 socket. The KS-8585,L9 plug is arranged to work with the KS-8586L5,L6, or L22 socket. The cord is primarily intended for use with the No. 5U test set in testing N and O carrier equipment. The KS-8586,L6 socket is arranged to work with KS-8585,L8, L9, L14 or L24 plug.

→ CORD, P3AP

5 feet, 6 inches long
Res. 0.016 ω /ft



The code of the cord includes one No. 408A plug, one P-44B490 plug, one P-44B491 plug, and P-44B492 plug (banana type, 1-3/8" long, black, red, and yellow, respectively). The cord forms part of the J64001AP transmission comparing set for use with a Hewlett Packard No. 200CD type oscillator in making video measurements.

CORD, D-157526 "Mfr. Disc."
(Replaced by the No. 3P28A cord)

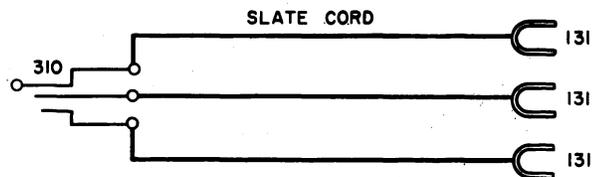
CORD, D-157527 "Mfr. Disc."
(Replaced by the No. 3P27A cord)

CORD, D-175433 "Mfr. Disc."

3. 3-CONDUCTOR TESTING CORDS

CORD, 3W1A

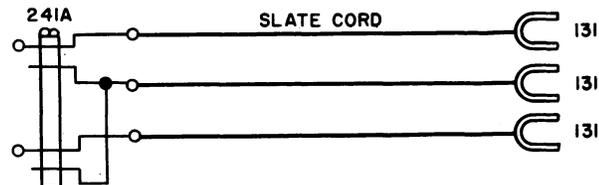
1 S3B cord, 10 feet long, equipped with:
1 No. 310 plug



The individual code of the cord includes three No. 131 cord tips.

CORD, 3W2A

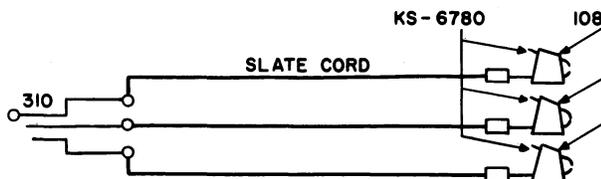
1 S3F cord, 6 feet long, equipped with:
1 No. 241A plug



The individual code of the cord includes three No. 131 cord tips.

CORD, 3W3A

1 W3A cord, 12 feet long, equipped with:
1 No. 310 plug



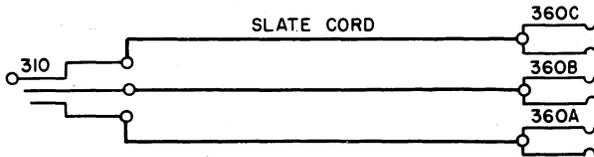
The individual code of the cord includes three KS-6780 connecting clips with three No. 108 cord tips (rubber insulators).

CORD, 3W4A

1 W3M cord, 6 feet long, equipped with:
1 No. 310 plug
1 No. 360A tool,
1 No. 360B tool, and
1 No. 360C tool

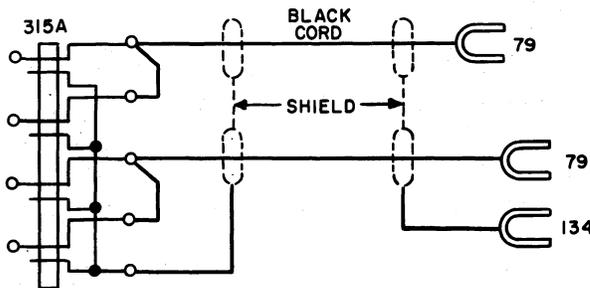
CORD, 3W4B

- 1 W3M cord, 15 feet long, equipped with:
- 1 No. 310 plug
- 1 No. 360A tool,
- 1 No. 360B tool, and
- 1 No. 360C tool



CORD, 3W5A

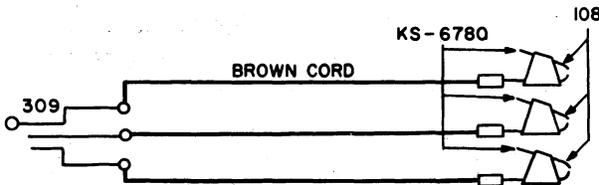
- 1 W3W cord, 6 feet long, equipped with:
- 1 No. 315A plug
- Res. 0.013 ω /ft



The individual code of the cord includes two No. 79 cord tips and one No. 134 cord tip.

CORD, 3W6A

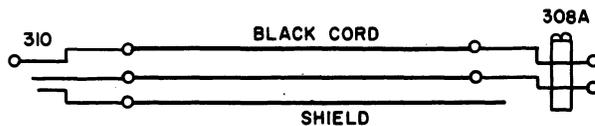
- 1 W3Y cord, 19 feet 6 inches long, equipped with:
- 1 No. 309 plug



The individual code of the cord includes three KS-6780 connecting clips with three No. 108 cord tips (rubber insulators).

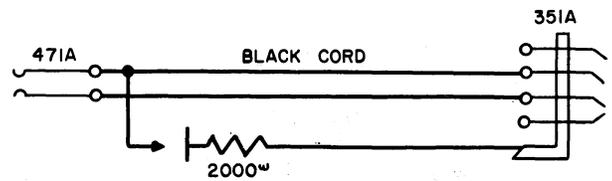
CORD, 3W7A

- 1 W3AB cord, 12 feet long, equipped with:
- 1 No. 308A plug and
- 1 No. 310 plug



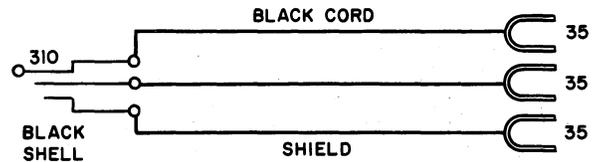
CORD, 3W8A

- 1 W3AA cord, 5 feet long, equipped with:
- 1 No. 351A plug and
- 1 No. 471A jack



CORD, 3W9A

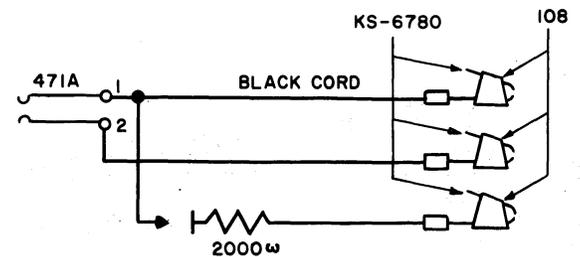
- 1 W3AE cord, 5 feet long, equipped with:
- 1 No. 310 plug with black shell



The individual code of the cord includes three No. 35 cord tips.

CORD, 3W10A

- 1 W3AH cord, 4 feet long, equipped with:
- 1 No. 471A jack

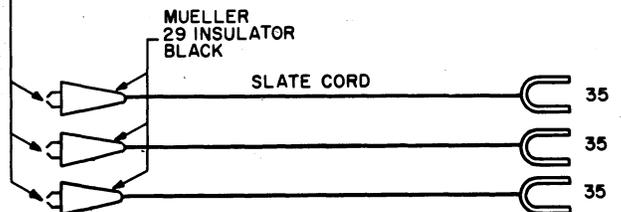


The individual code of the cord includes three KS-6780 connecting clips with three No. 108 cord tips (rubber insulators).

CORD, W3B

6 feet 6 inches long

MUELLER
27 TEST CLIP

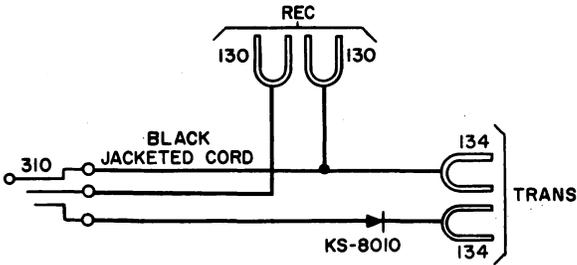


The code of the cord includes three No. 35 cord tips, three No. 27 Mueller test clips, and three No. 29 Mueller insulators.
Res. of white cond 0.02 ω /ft
Res. of red or blue cond 0.04 ω /ft.

CORD, W3E

"Mfr. Disc."

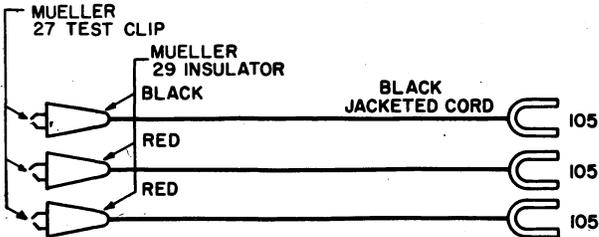
→ CORD, W3AC
4 feet long



The code of the cord includes one No. 310 plug, two No. 130 cord tips, two No. 134 cord tips, and one KS-8010 switch (locking type). The cord is primarily intended for use with the No. 6066A telephone set.

→ CORD, W3AD

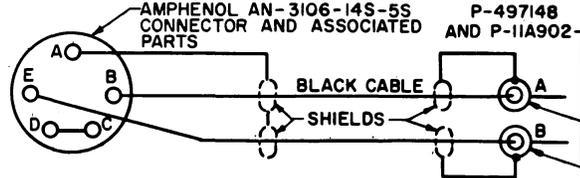
5 feet long
Res. 0.006 ω /ft



The code of the cord includes three No. 105 cord tips, three No. 27 Mueller test clips, and three No. 29 Mueller insulators, one black and two red.

→ CORD, W3AF

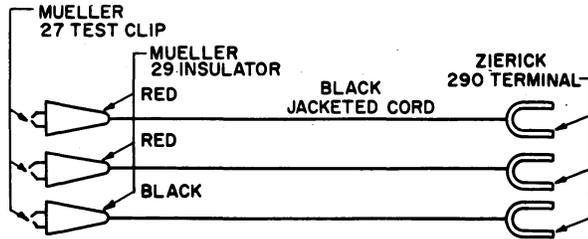
10 feet long
Res. 0.016 ω /ft



The code of the cord includes one AN-3106-14S-5S Amphenol connector and associated parts, two P-497148 terminals, and two P-11A902 ferrules. The cord is primarily intended for use with the J68340F power measuring head in the TD-2 radio system.

→ CORD, W3AG

20 feet long
Res. 0.006 ω /ft



The code of the cord includes three No. 290 Zierick Mfr. Corp. terminals (arranged for a No. 8 or 10 screw), three No. 27 Mueller test clips, and three No. 29 Muller insulators, two red and one black. The cord forms part of the No. 96A test set.

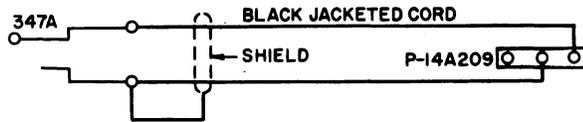
→ CORD, W3AK

"Mfr. Disc."
(Replaced by the W3AM cord)

→ CORD, W3AM

(Replaces the W3AK cord)

22 feet long



The code of the cord includes one No. 347A plug and one P-14A209 terminal strip (phenol fibre, 1/4 x 1/16 x 1-3/8" long). The cord forms part of the No. 105A and 105B test sets.