

PATCHING AND TESTING CORD ASSEMBLIES

CORDS HAVING MORE THAN SIX CONDUCTORS

1. GENERAL

1.01 This section lists and illustrates the standard patching and testing cord assemblies having more than six conductors and which are 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 replacement 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, KS-13895 plug. Do not include any information in parentheses.

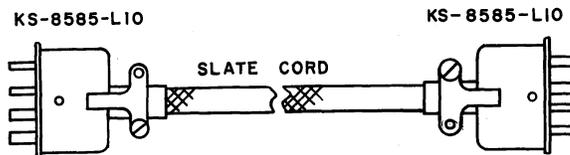
1.04 Information pertaining to the relation of plugs and jacks and for ordering plugs separately is covered in Section A710.059.

1.05 Where the resistance of the conductors of a cord is the same for each conductor, the resistance is specified. Where a cord consists of several conductors of different size wire, the resistance is not specified.

2. PATCHING CORDS

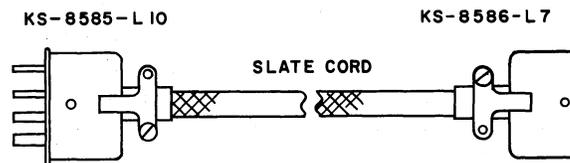
2.01 8-conductor Cords

CORD, P8A
5 feet long
Res 0.016 ω /ft



The code of the cord includes two KS-8585,L10 plugs (8 contacts). The cord is primarily intended for use in multiline service observing on incoming intertoll trunks of the No. 4 or 4A toll switching systems.

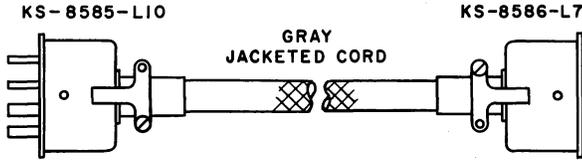
CORD, P8B
10 feet long
Res 0.016 ω /ft



The code of the cord includes one KS-8585,L10 plug (8 contacts) and one KS-8586,L7 socket (8 contacts). The cord is primarily intended for use in miscellaneous circuits for the SD-25352-01 line message register rack.

CORD, P8E

12 feet long
Res 0.016 ω /ft

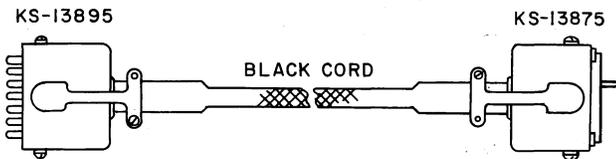


The code of the cord includes one KS-8585,L10 plugs (8 contacts) and one KS-8586,L7 socket (8 contacts). The cord is primarily intended for use with the type E single-frequency signaling unit J98613.

2.02 9-conductor Cords

**CORD, P9A
CORD, P9C**

12 feet long
Res 0.016 ω /ft

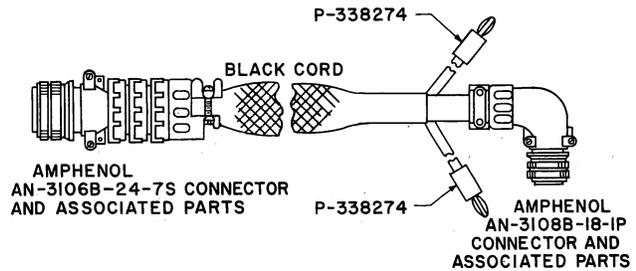


The code of each cord includes one KS-13895 plug (20 contacts) and one KS-13875 plug (20 contacts). These cords are primarily intended for use with the J94002M repeater switching set with type N carrier telephone systems. The KS-13895 plug of the P9C cord is internally strapped while there is no strapping on the same plug of the P9A cord.

2.03 11-conductor Cords

CORD, P11A

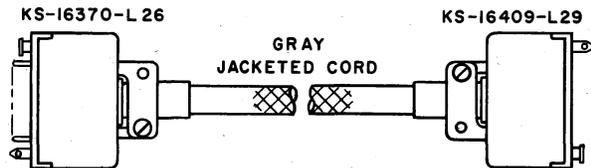
15 feet long



The code of the cord includes one AN-3106B-24-7S Amphenol connector and associated parts, one AN-3108B-18-1P connector and associated parts, and two P-338274 plugs (banana type). The cord is primarily intended for use with the J94002G repeater test set.

CORD, P11B

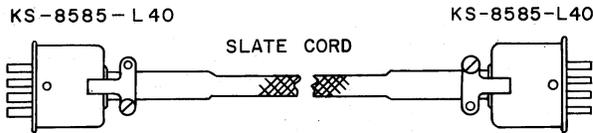
8 feet long
Res 0.016 ω /ft



The code of the cord includes one KS-16370,L26 connector (12 contacts) and one KS-16409,L29 connector (12 contacts). The cord is primarily intended for use with type E single-frequency signaling unit J98613.

2.04 12-conductor Cords**CORD, P12A**

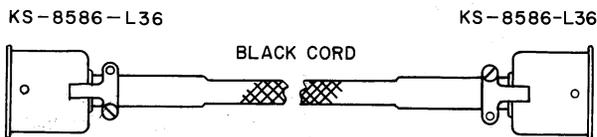
1 foot or 5 feet long
(Order Length as Required)
Res 0.016 ω /ft



The code of the cord includes two KS-8585,L40 plugs (12 contacts). The 1-foot cord is primarily intended for use in multiline service observing on toll switchboard cords in connection with the No. 12 service observing equipment. The 5-foot cord is primarily intended for use in the tandem office service observing circuit SD-27001-01, and the No. 5 office service observing circuit ES-25540-01 in crossbar telephone systems.

CORD, P12B

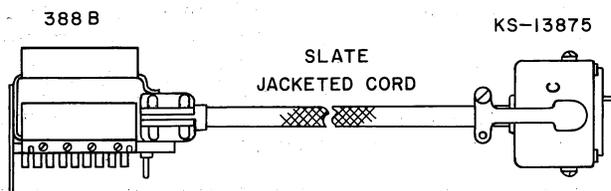
6 feet long
Res 0.016 ω /ft



The code of the cord includes two KS-8586,L36 sockets (12 contacts). The cord is primarily intended for use with the SD-68458 test set for the No. 214A selector.

2.05 14-conductor Cords**CORD, P14A**

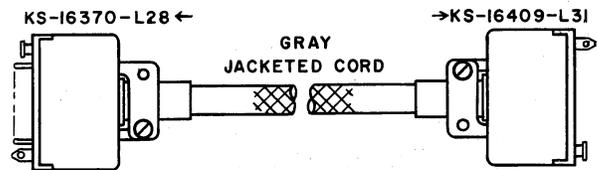
6 feet long
Res 0.016 ω /ft



The code of the cord includes one No. 388B plug (72 contacts) and one KS-13875 plug (20 contacts). The cord is primarily intended for use with the SD-68458 test set for the No. 214A selector.

2.06 18-conductor Cords**CORD, P18A**

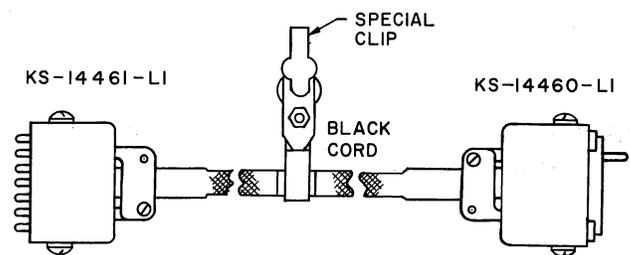
12 feet long
Res 0.016 ω /ft



The code of the cord includes one KS-16370,L28 connector (18 contacts) and one KS-16409,L31 connector (18 contacts). The cord is primarily intended for use with type E single-frequency signaling unit J98613.

2.07 19-conductor Cords**CORD, P19A**

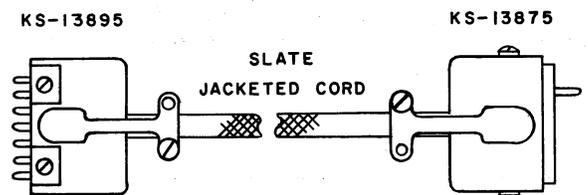
10 feet long



The code of the cord includes one KS-14461,L1 plug (20 contacts) one KS-14460,L1 plug (20 contacts), and a special clip (cord supporting clip). The cord is primarily intended for use with the J98705M channel unit stand test set.

2.08 20-conductor Cords**CORD, P20A**

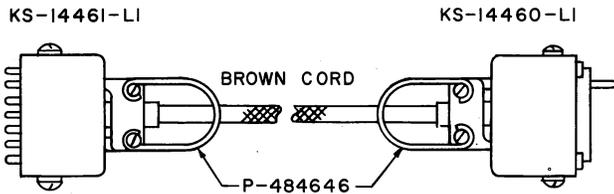
12 feet long
Res 0.016 ω /ft



The code of the cord includes one KS-13895 plug (20 contacts) and one KS-13875 plug (20 contacts). The cord is primarily intended for use on spare perforators for the No. 5 crossbar system.

CORD, P20C

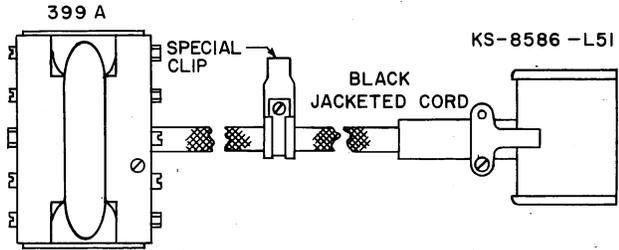
5 feet 6 inches or 25 feet long
(Order Length as Required)
Res 0.016 ω /ft



The code of the cord includes one KS-14461,L1 plug (20 contacts), one KS-14460,L1 plug (20 contacts), and is equipped with two P-484646 handles. The cord is intended for use with the J68602CS testing circuit for 2400- or 2600-cycle single-frequency signaling circuits, with the No. 1 portable traffic usage recorder and with type A and type B traffic measuring sets.

CORD, P20F

18 feet long
Res 0.052 ω /ft

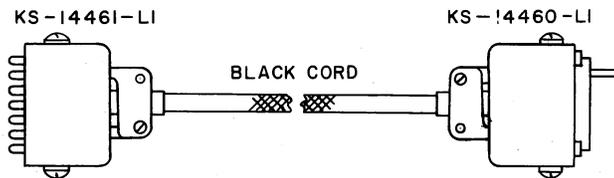


The code of the cord includes one No. 399A plug (20 contacts), one KS-8586,L51 socket (21 contacts), and a special clip (cord supporting clip). The cord is primarily intended to provide a means for connecting the No. 108A test set to a group of ten cable pairs on main distributing frames equipped with No. 1177A, 1177B, C50A, or C52A protectors. The cord forms part of the No. 1A cord kit.

CORD, P20D

Replaces the P20B Cord

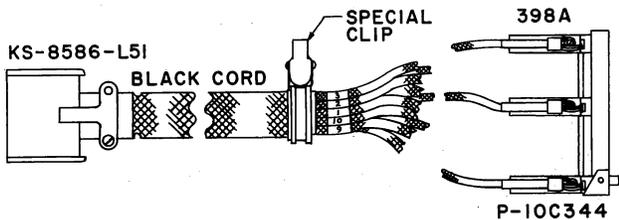
3 feet 3 inches long
Res 0.026 ω /ft



The code of the cord includes one KS-14461,L1 plug (20 contacts) and one KS-14460,L1 plug (20 contacts). The cord is primarily intended for use with the J98705U and J94002S test sets in types O and N carrier telephone systems, respectively.

CORD, P20G

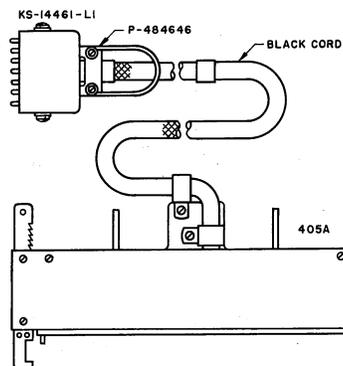
10 feet long
Res 0.016 ω /ft



The code of the cord includes one KS-8586,L51 socket (21 contacts), ten No. 398A plugs (2 contacts) in the P-10C344 holder assembly, and one special clip (cord supporting clip). The free conductors are approximately 8 feet long between the cordage and the plugs. The cord is primarily intended to provide a means for connecting the No. 108A test set to a group of ten individual cable pairs on main distributing frames, equipped with No. 1177A, 1177B, C50A, or C52A protectors. The cord forms part of the No. 1A cord kit.

CORD, P20L

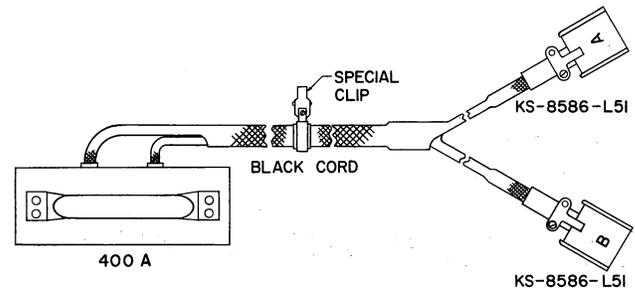
25 feet long
Res 0.052 ω /ft



The code of the cord includes one KS-14461,L1 plug (20 contacts) and one No. 405A plug (20 contacts). The cord is intended for use with the No. 1 portable traffic usage recorder and with type A and type B traffic measuring sets.

2.10 40-conductor Cords**CORD, P40A**

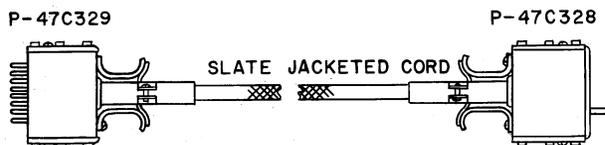
16 feet 6 inches long
Res 0.052 ω /ft



The code of the cord includes one No. 400A plug (40 contacts) and two KS-8586,L51 sockets (21 contacts). The cord is primarily intended to provide means for connecting No. 108A test set to a group of 20 cable pairs on main distributing frames equipped with No. 1177A, 1177B, C50A, or C52A protector. The cord forms part of the No. 1A cord kit.

2.09 35-conductor Cords**CORD, P35A**

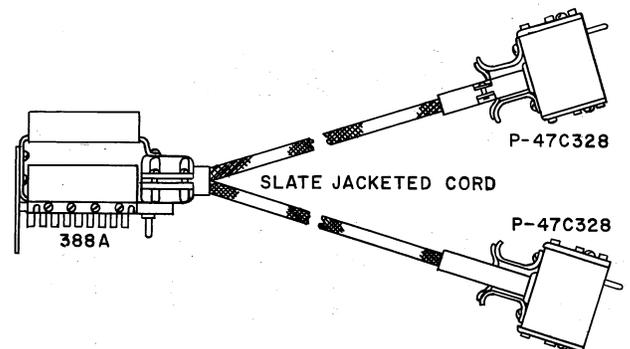
6 feet long
Res 0.026 ω /ft



The code of the cord includes one P-47C328 connector (35 contacts) and one P-47C329 connector (35 contacts). The cord is primarily intended for use with SD-68458 test set for the No. 214A selector.

2.11 59-conductor Cords**CORD, P59A**

3 feet long
Res 0.026 ω /ft



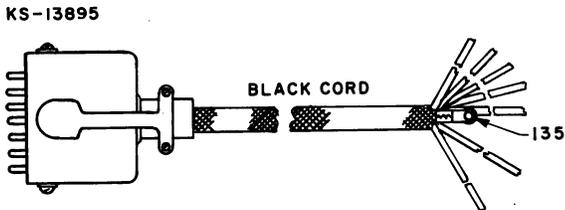
The code of the cord includes one No. 388A plug (72 contacts) and two P-47C328 connectors (35 contacts). The cord is primarily intended for use with the SD-68458 test set for the No. 214A selector.

3. TESTING CORDS

3.01 8-conductor Cords

CORD, W8C

4 feet long
Res 0.052 ω /ft

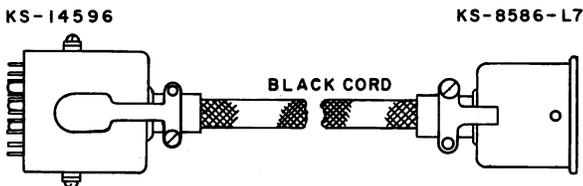


The code of the cord includes one KS-13895 plugs (20 contacts) and one No. 135 cord tip. The free conductors are 10 inches long. The cord forms part of the J94002J repeater test set.

CORD, W8D

Replaces the W6F Cord

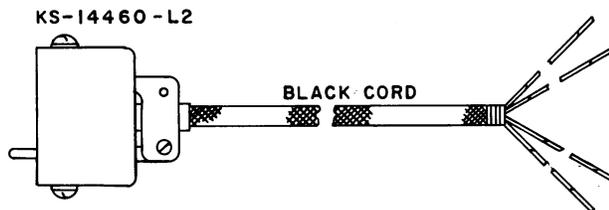
6 feet long
Res 0.016 ω /ft



The code of the cord includes one KS-14596 connector (15 contacts) and one KS-8586,L7 socket (8 contacts). The cord forms part of the J94002M repeater switching set.

CORD, W8E

4 feet long
Res 0.016 ω /ft

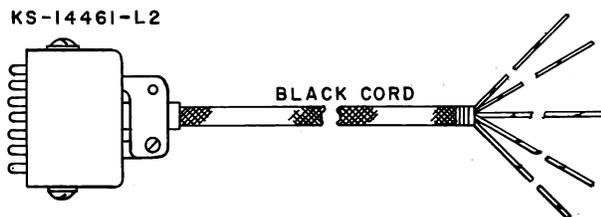


The code of the cord includes one KS-14460,L2 plug (20 contacts). The free conductors are 6 inches long. The cord is primarily intended for use with the J64001AL power test set in the L3 carrier telephone system.

3.02 10-conductor Cords

CORD, W10B

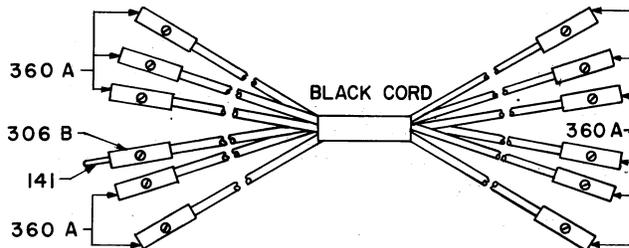
4 feet long
Res 0.016 ω /ft



The code of the cord includes one KS-14461,L2 plug (20 contacts). The free conductors are 6 inches long. The cord is primarily intended for use with the J64001AL power test set in the L3 carrier telephone system.

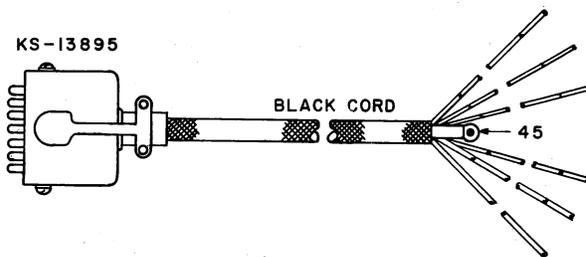
3.03 12-conductor Cords

CORD, W12A
 1-1/2 inches long
 Res 0.2 ω /ft



The code of the cord includes 11 No. 360A tools, and one No. 360B tool equipped with one No. 141 cord tip. The cord is primarily intended for use in selecting capacity values of 187-type condensers which are used to balance circuits.

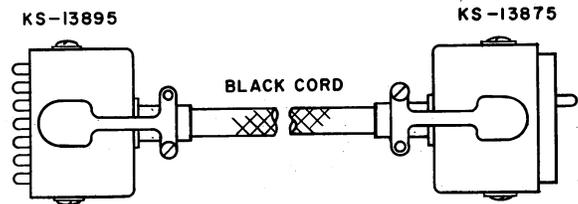
CORD, W12B
 2 feet long
 Res 0.052 ω /ft



The code of the cord includes one KS-13895 plug (20 contacts) and one No. 45 cord tip. The free conductors are 8 inches long. The cord is primarily intended for use with the J94002N group unit switching set in the N1 carrier telephone system.

3.04 13-conductor Cords

CORD, W13A
 2 feet long
 Res 0.052 ω /ft



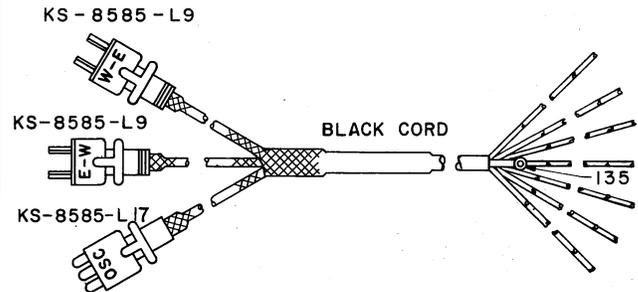
The code of the cord includes one KS-13895 plug (20 contacts) and one KS-13875 plug (20 contacts). The cord is primarily intended for use in testing the J94002N group unit switching set in the N1 carrier telephone system.

3.05 14-conductor Cords

CORD, W14B **Replaces the M14A Cord**
 3 feet 8 inches long
 Res 0.052 ω /ft

A 1000-ohm resistor is in series with each conductor and terminal as follows.

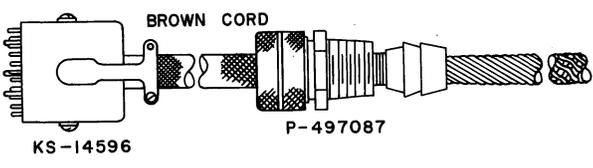
Plug W-E — Terminals 2, 3, and 4
 Plug E-W — Terminals 2, 3, and 4



The code of the cord includes two KS-8585,L9 plugs (4 contacts), one KS-8585,L17 plug (6 contacts), one No. 135 cord tip, and six KS-13490,L1 1000-ohm resistors. The free conductors are 10 inches long. The cord is primarily intended for use with the J94002P tube test set in testing N1 carrier telephone repeaters.

3.06 16-conductor Cords

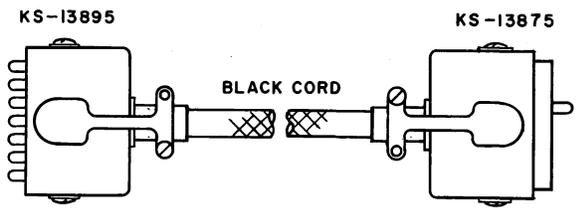
CORD, W16B Replaces the W16A Cord
 4 feet long
 Res 0.016 ω /ft



The code of the cord includes one KS-14596 connector (15 contacts) and one P-497087 cord grip. The free conductors are 10 inches long. The cord is primarily intended for use with the J64001AK tube test set in the TD-2 radio system.

3.08 20-conductor Cords

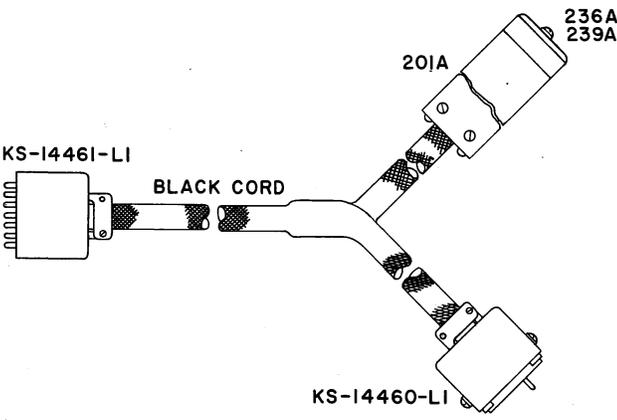
CORD, W20A
 2 feet long
 Res 0.052 ω /ft



The code of the cord includes one KS-13895 plug (20 contacts) and one KS-13875 plug (20 contacts). The cord is primarily intended for use with the J94002L channel unit test set in testing N carrier channel units.

3.07 18-conductor Cords

CORD, W18B
 9 feet long
 Res 0.052 ω /ft



The code of the cord includes one KS-14461,L1 plug (20 contacts), one KS-14460,L1 plug (20 contacts), one No. 201A jack mounting, two No. 239A jacks, and two No. 236A jacks. The cord is primarily intended for use with the J98703F channel unit for the N1 carrier telephone system.

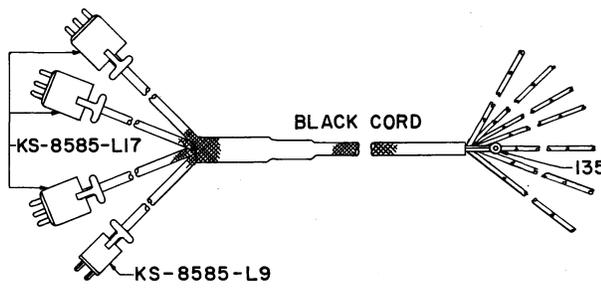
CORD, W20B
 6 feet long
 Res 0.052 ω /ft

A 4700-ohm resistor is in series with each conductor and terminal as follows.

- TRSG Plug — Terminals 1, 4, and 5
- REC Plug — Terminal 3
- OSC Plug — Terminals 2 and 4

A 2200-ohm resistor is in series with each conductor and terminal as follows.

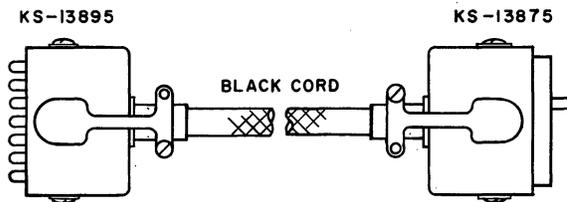
- REC Plug — Terminals 5 and 6



The code of the cord includes three KS-8585, L17 plugs (6 terminals), one KS-8585,L9 plug (4 terminals), one No. 135 cord tip, six KS-13490,L1 4700-ohm resistors, and two KS-13490,L1 2200-ohm resistors. The free conductors are 10 inches long. The cord is primarily intended for use with the J94002K tube test set in testing N carrier group units.

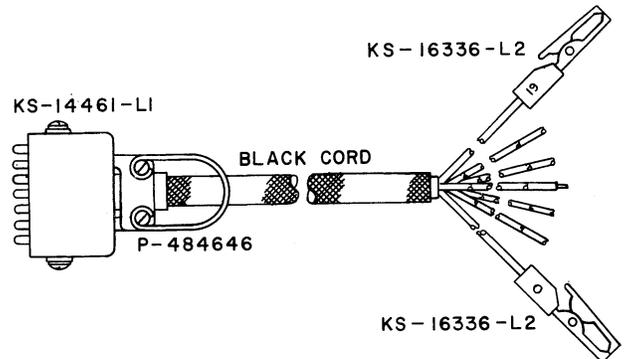
CORD, W20C
6 feet long
Res 0.052 ω /ft

CORD, W20D
10 feet long
Res 0.052 ω /ft



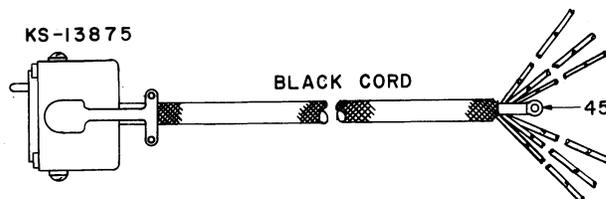
The code of each cord includes one KS-13895 plug (20 contacts) and one KS-13875 plug (20 contacts). The W20C cord is primarily intended for use with the J94002M repeater switching set in the N1 carrier telephone system. The W20D cord is primarily intended for use with the J94002N group unit switching set in the No. 1 carrier telephone system.

CORD, W20F
19 feet long
Res 0.016 ω /ft



The code of the cord includes one KS-14461, L1 plug (20 contacts) and 20 KS-16336, L2 clips numbered 0 to 19. The free conductors are approximately 6 feet long between the cordage and the clips. The cord is intended for use with traffic recorder equipment for connection to terminals on distributing frame with the No. 1 portable traffic usage recorder and with type A and type B traffic measuring sets.

CORD, W20E
10 feet long
Res 0.052 ω /ft



The code of the cord includes one KS-13875 plug (20 contacts) and one No. 45 cord tip. The free conductors are 8 inches long. The cord is primarily intended for use with the J94002N group unit switching set in the N1 carrier telephone system.