

GTE LENKURT TEST CORD,  
PLUG AND ADAPTER ASSEMBLIES

1. GENERAL

1.01 This Section lists the GTE Lenkurt standard plugs, adapters and cords available for patching, testing or maintenance of GTE Lenkurt carrier, telegraph, test, or radio equipment.

1.02 Issue 7 of this Section added new items, and made minor editorial changes. Changes were too numerous to be indicated by marginal arrows.

2. DESCRIPTION

2.01 All items are listed in numerical order in separate sections; each is shown in pictorial and schematic form. A brief description and typical use is included.

2.02 The telephone type double plugs have a serrated side for polarity indication, usually called the "Tip" side of the plug. The non-serrated side is designated as the "Ring" side.

3. INDEXING

3.01 Both numerical and descriptive indexes are provided. The numerical index, Table 1, lists plugs, adapters or cords by the assigned GTE Lenkurt number.

3.02 When the physical characteristics of the desired plug, adapter or cord are known, the Descriptive Index of Table 2 may be used to determine the GTE Lenkurt number and the page number where the item is described.

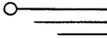
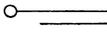
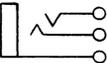
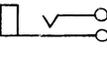
4. LEGEND

4.01 The following symbols are used to distinguish the diameters of the telephone type

and telephone coaxial plugs, single and dual (typical WECCO equivalents are also indicated):

- Standard (NORMAL) telephone; 0.250-inch nominal diameter (6.350 mm)  
TRS: WECCO equiv. 310 (sgl); 338 (dbl)  
TS: WECCO equiv. 347 (sgl); 241 (dbl)
- Standard (SMALL) telephone; 0.210-inch nominal diameter (5.334 mm)  
TRS: WECCO equiv. 309 (sgl)
- Ⓜ Miniature telephone; TS or TRS; 0.173-inch nominal diameter (4.394 mm)
- Standard coax; 0.375-inch nominal diameter (9.525 mm)  
WECCO equiv. 358 (sgl); 372 (dbl)
- Ⓜ Miniature coax; 0.297-inch nominal diameter (7.541 mm)  
WECCO equiv. 440 (sgl); 443 (dbl)

4.02 The following schematic symbols are used to distinguish the items on the following pages:

-  Male coaxial, pin prod or banana.
-  Female coaxial, pin prod or banana.
-  T-R-S plug, standard or miniature series.
-  T-S plug, standard or miniature series.
-  T-R-S jack, standard or miniature series.
-  T-S jack, standard or miniature series.
-  Coaxial lead(s)
-  Shielded lead(s)

4.03 The sex of coaxial fittings is determined by the center conductor(s) and not the shell of the fitting(s).

Table 1. Numerical Index – Plugs, Adapters and Cords

| Number | Page | Number | Page |
|--------|------|--------|------|
| 583B   | 20   | 716A   | 15   |
| 583C   | 20   | 717A   | 9    |
| 583D   | 20   | 719A   | 15   |
| 583E   | 20   | 720A   | 10   |
| 613A   | 10   | 721A   | 14   |
| 614A   | 10   | 721B   | 14   |
| 616B   | 7    | 721C   | 14   |
| 616C   | 7    | 722A   | 11   |
| 621A   | 10   | 723A   | 12   |
| 625A   | 10   | 724A   | 12   |
| 627A   | 10   | 725A   | 12   |
| 631A   | 10   | 727A   | 12   |
| 632A   | 10   | 728A   | 14   |
| 632B   | 11   | 729A   | 12   |
| 632C   | 11   | 729B   | 12   |
| 633A   | 11   | 731A   | 7    |
| 633B   | 11   | 732A   | 14   |
| 636A   | 15   | 732B   | 15   |
| 641A   | 11   | 732C   | 15   |
| 646A   | 11   | 733A   | 7    |
| 646B   | 11   | 733B   | 7    |
| 647A   | 16   | 733C   | 7    |
| 648A   | 14   | 735B   | 7    |
| 649A   | 18   | 738A   | 8    |
| 650A   | 18   | 738B   | 8    |
| 651A   | 16   | 738C   | 8    |
| 651B   | 18   | 741A   | 12   |
| 651C   | 16   | 741B   | 12   |
| 661A   | 14   | 743A   | 15   |
| 662A   | 11   | 744A   | 14   |
| 663A   | 11   | 745A   | 9    |
| 664A   | 11   | 746A   | 9    |
| 665A   | 7    | 750A   | 9    |
| 665B   | 7    | 751A   | 9    |
| 666A   | 7    | 751B   | 9    |
| 666B   | 7    | 760A   | 20   |
| 668A   | 7    | 789A   | 10   |
| 669A   | 7    | 790A   | 15   |
| 670A   | 7    | 790B   | 15   |
| 670B   | 7    | 791A   | 9    |
| 673A   | 17   | 792A   | 9    |
| 674A   | 16   | 793A   | 8    |
| 674B   | 16   | 794A   | 8    |
| 674C   | 16   | 05154  | 17   |
| 676A   | 7    | 05155  | 17   |
| 676C   | 7    | 05157  | 19   |
| 676D   | 8    | 28470  | 8    |
| 683A   | 18   | 44458  | 19   |
| 684B   | 16   | 44880  | 10   |
| 684D   | 16   | 44892  | 19   |
| 684G   | 18   | 44893  | 19   |
| 691A   | 8    | 44894  | 19   |
| 693A   | 17   | 48527  | 19   |
| 693B   | 14   | 51994  | 8    |
| 695A   | 16   | 52040  | 9    |
| 696A   | 7    | 6000A  | 7    |
| 699A   | 11   | 6000F  | 10   |
| 700A   | 14   | 6000H  | 9    |
| 701A   | 9    | 6012A  | 17   |
| 703A   | 14   | 6014A  | 17   |
| 708A   | 9    | 6015A  | 16   |
| 708B   | 9    | 6015B  | 16   |
| 709A   | 10   | 6025A  | 19   |
| 711A   | 9    | 6025B  | 12   |
| 712A   | 11   | 6046A  | 17   |
| 713A   | 14   | 6046B  | 17   |
| 714A   | 15   | 6046C  | 17   |
| 714B   | 15   | 6046D  | 17   |
| 714C   | 15   | 6046E  | 7    |

Table 1. Numerical Index – Plugs, Adapters and Cords (Continued)

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| 6046F . . . . . | 8    | 6100D . . . . . | 12   |
| 6046G . . . . . | 8    | 6100E . . . . . | 13   |
| 6046H . . . . . | 18   | 6100G . . . . . | 13   |
| 6046J . . . . . | 17   | 6100J . . . . . | 13   |
| 6046K . . . . . | 18   | 6126A . . . . . | 13   |
| 6046L . . . . . | 13   | 6127A . . . . . | 13   |
| 6046M . . . . . | 18   | 6128A . . . . . | 13   |
| 6058A . . . . . | 8    | 6128B . . . . . | 13   |
| 6100B . . . . . | 12   | 6129A . . . . . | 16   |
| 6100C . . . . . | 12   |                 |      |

Table 2. Descriptive Index – Plugs, Adapters and Cords

| Contents   | Number   | Page | Contents  | Number   | Page |
|--|----------|------|---|----------|------|
| <b>TERMINATING PLUGS</b>                                   |          |      | <b>Coaxial Type Plugs: (Cont'd)</b>   |          |      |
| <b>Telephone Type Plugs:</b>                               |          |      | Miniature coax plug E/W 75-ohm resistor                                       | 6046E    | 7    |
| Double TS plug E/W 130-ohm resistor wired tip-to-tip       | 616B     | 7    | Twin miniature coax plug E/W 124-ohm resistor                                 | 6046F    | 8    |
| Double TS plug E/W 600-ohm resistor wired tip-to-tip       | 616C     | 7    | Double subminiature coax plug E/W 130-ohm resistor                            | 28470    | 8    |
| TRS plug E/W 130-ohm resistor wired tip-to-ring            | 665A     | 7    | <b>Twin Connector Uhf Type Plugs:</b>   |          |      |
| TRS plug E/W 100-ohm resistor wired tip-to-ring            | 665B     | 7    | Male twin conductor plug E/W 124-ohm resistor                                 | 6058A    | 8    |
| TRS plug E/W 600-ohm resistor wired tip-to-ring            | 666A     | 7    | <b>OPEN, LOOP AND ATTENUATOR PLUGS</b>  |          |      |
| TRS plug E/W 900-ohm resistor wired tip-to-ring            | 666B     | 7    | Double male coax plug, hairpin BNC to BNC coax connector, UG-914/U            | 676D     | 8    |
| TRS plug E/W 2610-ohm resistor wired tip-to-sleeve         | 668A     | 7    | SMA connector E/W 3.0-dB attenuator   | 691A     | 8    |
| Miniature TRS plug E/W 600-ohm resistor                    | 6000A-01 | 7    | SMA connector E/W 10.0-dB attenuator  | 738A     | 8    |
| Miniature TRS plug E/W 900-ohm resistor                    | 6000A-02 | 7    | SMA connector E/W 20.0-dB attenuator  | 738B     | 8    |
| Miniature TRS plug E/W 135-ohm resistor                    | 6000A-03 | 7    | SMA connector E/W 20.0-dB attenuator  | 738C     | 8    |
| Miniature TRS plug open                                    | 6000A-04 | 7    | Three-way signal splitter, BNC receptacle on each leg                         | 794A     | 8    |
| <b>Twin Banana Plugs:</b>                                  |          |      | Two miniature female coax connectors used as a looping plug                   | 6046G    | 8    |
| Twin banana plug E/W 130-ohm resistor                      | 669A     | 7    | 75-ohm, 2-dB looping plug attenuator  | 51994-02 | 8    |
| Twin banana plug E/W 600-ohm resistor                      | 670A     | 7    | 75-ohm, 3-dB looping plug attenuator  | 51994-03 | 8    |
| Twin banana plug E/W 900-ohm resistor                      | 670B     | 7    | 75-ohm, 4-dB looping plug attenuator  | 51994-04 | 8    |
| Twin banana plug E/W 75-ohm resistor                       | 696A     | 7    | 75-ohm, 5-dB looping plug attenuator  | 51994-05 | 8    |
| <b>Coaxial Type Plugs:</b>                                 |          |      | 75-ohm, 6-dB looping plug attenuator  | 51994-06 | 8    |
| Male coax plug E/W 75-ohm resistor and test pin jack       | 676A     | 7    | 75-ohm, 12-dB looping plug attenuator   | 51994-12 | 8    |
| Male coax plug E/W 75-ohm resistor                         | 676C     | 7    | <b>Special Purpose Plugs:</b>   |          |      |
| Subminiature threaded female coax plug E/W 75-ohm resistor | 731A     | 7    | Double 18-pin male connectors E/W strapping for LN repeater loop-back testing | 52040    | 9    |
| BNC plug E/W 75-ohm resistor                               | 733A     | 7    |   |          |      |
| BNC plug E/W 600-ohm resistor                              | 733B     | 7    |   |          |      |
| BNC plug E/W 61.9-ohm resistor                             | 733C     | 7    |   |          |      |
| Subminiature push-on female coax plug E/W 75-ohm resistor  | 735B     | 7    |   |          |      |
| Double male coax plug E/W 124-ohm resistor                 | 793A     | 8    |   |          |      |

Table 2. Descriptive Index – Plugs, Adapters and Cords (Continued)

| Contents   | Number   | Page | Contents   | Number   | Page |
|--|----------|------|--|----------|------|
| <b>ADAPTERS</b>  |          |      | <b>Test Cords With Telephone Type Plugs: (Cont'd)</b>  |          |      |
| <b>Telephone Type Adapters:</b>  |          |      |  |          |      |
| TRS standard to miniature  | 6000H-01 | 9    | Single TRS plug each end, wired tip-to-tip, ring-to-ring and sleeve-to-sleeve (6 feet)                               | 632A     | 10   |
| TS standard to miniature   | 6000H-02 | 9    | (9 feet)   | 632B     | 10   |
| <b>N Type Adapters:</b>  |          |      | (15 feet)  | 632C     | 10   |
| N female to SMA male coax  | 791A     | 9    | Single TRS plug each end, wired tip-to-tip, ring-to-ring and shield-to-sleeves (6 feet)                              | 633A     | 11   |
| N male to SMA male coax  | 792A     | 9    | (15 feet)  | 633B     | 11   |
| <b>BNC Type Adapters:</b>  |          |      | Double TS plug each end, wired tip-to-tip and shield-to-sleeves (6 feet)   | 641A     | 11   |
| BNC female to subminiature female coax   | 701A     | 9    | Double TS plug to twin banana plug, wired shield-to-sleeves (6 feet)   | 646A     | 11   |
| BNC male to twin binding posts   | 708A     | 9    | (10 feet)  | 646B     | 11   |
| BNC female to male banana plug   | 708B     | 9    | Double TS plug to single TRS plug, wired tip-to-tip, tip-to-ring and shield-to-sleeves (6 feet)                      | 662A     | 11   |
| BNC female to subminiature male coax   | 711A     | 9    | Single TRS plug to 2 crocodile clips, wired shield-to-sleeve (6 feet)  | 663A     | 11   |
| BNC female to twin subminiature male, E/W 75-ohm resistor                                | 717A     | 9    | Single TRS plug to twin banana plug, wired shield-to-sleeve (6 feet)   | 664A     | 11   |
| BNC female to male uhf coax; conforms to MIL-UG-273/U                                    | 745A     | 9    | Single TRS plug to twin banana plug, wired tip-ring only (6 feet)  | 699A     | 11   |
| BNC female to male micro-miniature plug  | 746A     | 9    | Single TRS plug to UG-260/U coax connector, wired tip-ring only (6 feet)   | 712A     | 11   |
| BNC tee adapter; conforms to MIL-UG-274/U  | 750A     | 9    | TRS plugs (2) to 6-point test plug (15 feet)   | 722A     | 11   |
| BNC male to N female; conforms to MIL-349/U  | 751A     | 9    | Single TRS plug to 2 alligator clips, low resistance wire for use as power cord, tip-sleeve only (12 feet)           | 723A     | 12   |
| BNC female to N male coax; conforms to MIL-201A/U  | 751B     | 9    | Single TRS plug to 4-point butt-in plug (12 feet)  | 724A     | 12   |
| <b>Adapter Kit:</b>  |          |      | Single TRS plug each end, low resistance wire for use as power cord, wired tip-to-tip and sleeve-to-sleeve (12 feet) | 725A     | 12   |
| Adapter set E/W four coax adapters, usable with standard test cords for 75-class testing | 44880    | 10   | Single TS plug to twin banana plug (6 feet)  | 727A     | 12   |
| <b>Coaxial Type Adapters:</b>  |          |      | Single TRS plug to twin pin plug, tip-ring only (8.5 feet)   | 729A     | 12   |
| Twin subminiature female coax, both ends   | 709A     | 10   | Miniature TRS plug to twin pin plug, shielded cable (8 feet)   | 729B     | 12   |
| Female twin conductor uhf-type to double male subminiature coax                          | 720A     | 10   | 740A double TRS plug each end, wired tip-to-tip, ring-to-ring and sleeve-to-sleeve (3 feet)                          | 741A     | 12   |
| Male coaxial connector to female BNC   | 789A     | 10   | (6 feet)   | 741B     | 12   |
| Female twin conductor uhf-type to female coax  | 6000F    | 10   | Miniature TRS plug to twin banana plug, shielded 2-conductor cord (5 feet)   | 6100B-01 | 12   |
| <b>TEST CORDS AND SERVICE EXTENSION CABLES</b>   |          |      | (10 feet)  | 6100B-02 | 12   |
| <b>Test Cords With Telephone Type Plugs:</b>   |          |      | Miniature TRS plug each end, shielded 2-conductor cord (5 feet)  | 6100C-01 | 12   |
| Double TS plug each end, wired tip-to-tip (3 feet)                                       | 613A     | 10   | (10 feet)  | 6100C-02 | 12   |
| Double TS plug each end, wired tip-to-tip (6 feet)                                       | 614A     | 10   | Miniature TRS plug to standard TRS plug, shielded 2-conductor cord (5 feet)  | 6100D-01 | 12   |
| Single TS plug each end, wired tip-to-tip (1 foot)                                       | 621A     | 10   | (10 feet)  | 6100D-02 | 12   |
| Single TS plug each end, wired tip-to-tip (6 feet)                                       | 625A     | 10   | Miniature TS plug to single banana plugs, single conductor shielded cord (5 feet)                                    | 6100E    | 13   |
| Single TS plug each end, wired tip-to-tip (3 feet)                                       | 631A     | 10   |  |          |      |
| Double TS plug to single TS plug, wired tip-to-tip and tip-to-sleeve (6 feet)            | 627A     | 10   |  |          |      |

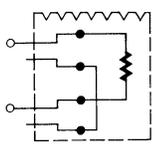
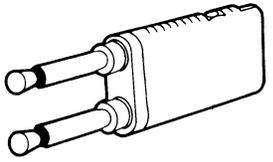
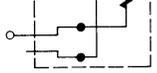
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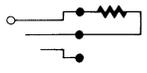
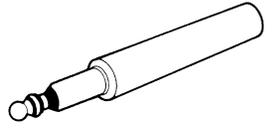
| Contents   | Number   | Page | Contents  | Number   | Page |
|--|----------|------|---|----------|------|
| <b>Test Cords With Telephone Type Plugs: (Cont'd)</b>  |          |      | <b>Test Cords With Coaxial Type Plugs: (Cont'd)</b>   |          |      |
| Double miniature TRS both ends (2 feet)  | 6100G-01 | 13   | Miniature coax plug to male BNC connector (6 feet)  | 6046A    | 17   |
| (3 feet)   | 6100G-02 | 13   | Miniature double coax plug to twin banana plug and grounded single banana plug (6 feet)                 | 6046B    | 17   |
| (6 feet)   | 6100G-03 | 13   | Miniature male coax plug each end (2 feet)  | 6046C-01 | 17   |
| (10 feet)  | 6100G-04 | 13   | (6 feet)  | 6046C-02 | 17   |
| Miniature TRS plug to crocodile clips (6 feet)   | 6100J    | 13   | (10 feet)   | 6046C-03 | 17   |
| Miniature TS plug to standard TS plug (6 feet)   | 6025B    | 12   | Double male coax plug each end (2 feet)   | 6046D-01 | 17   |
| Miniature TRS plug at each end (6 feet)  | 6126A-01 | 13   | (6 feet)  | 6046D-02 | 17   |
| (10 feet)  | 6126A-02 | 13   | (10 feet)   | 6046D-03 | 17   |
| (15 feet)  | 6126A-03 | 13   | Miniature double coax plug to male twin conductor, uhf-type connector; shielded pair test cord (6 feet) | 6046H    | 17   |
| Double miniature TRS plug at each end (6 feet)   | 6127A-01 | 13   | Double male standard coax plug to double male miniature coax plug (6 feet)                              | 6046K-01 | 17   |
| (10 feet)  | 6127A-02 | 13   | (10 feet)   | 6046K-02 | 17   |
| (15 feet)  | 6127A-03 | 13   | Single miniature TRS plug to standard double male coax plug (6 feet)                                    | 6046L-01 | 13   |
| Double miniature TRS plug to double standard TRS plug (6 feet)                                 | 6128A-01 | 13   | (10 feet)   | 6046L-02 | 13   |
| (10 feet)  | 6128A-02 | 13   | Double male miniature coax plug to twin pin plug  | 6046M    | 17   |
| Double miniature TRS plug to double small (.206) TRS plug (6 feet)                             | 6128B-01 | 13   | Male "coaxial insert" plug each end (4 in.)   | 744A     | 14   |
| (10 feet)  | 6128B-02 | 13   |   |          |      |
| Miniature TS plug at each end (6 feet)   | 6129A-01 | 15   | <b>Test Cords With Coaxial Type Connectors:</b>   |          |      |
| (10 feet)  | 6129A-02 | 15   | Male UG-88/U coax connector both ends (6 feet)  | 648A     | 14   |
| <b>Test Cords With Twin Banana Plugs:</b>  |          |      | Male coax N connectors, both ends (6 feet)  | 661A     | 14   |
| Unshielded twin banana plug to alligator clips (6 feet)  | 647A     | 16   | BNC coax connector to alligator clips (6 feet)  | 693B     | 14   |
| Unshielded twin banana plug to test prods (6 feet)   | 651A     | 16   | Subminiature coax connector, both ends (1.5 feet)   | 700A     | 14   |
| Unshielded twin banana plug to test prod and clip (6 feet)                                     | 651C     | 16   | Subminiature coax connector, both ends; balanced 130-ohm test cord (7 feet)                             | 703A     | 14   |
| Unshielded twin banana plug to coaxial plug (6 feet)   | 674A     | 16   | Twin coaxial to twin banana plug (6 feet)   | 713A     | 14   |
| Unshielded twin banana plug to small pin prods (6 feet)  | 674B     | 16   | BNC to BNC; RG-59/U coax cable (1.5 feet)   | 721A     | 14   |
| Unshielded twin banana plug to coaxial connector (6 feet)                                      | 674C     | 16   | (3 feet)  | 721B     | 14   |
| Unshielded twin banana plug to twin pin jack plug; shield to banana plug (8.5 feet)            | 684B     | 16   | (6 feet)  | 721C     | 14   |
| Unshielded twin banana plug each end (3 feet)  | 684D     | 16   | Twin coaxial to twin subminiature (6 feet)  | 728A     | 14   |
| Shielded twin banana plug, coaxial cord (1.5 feet)   | 695A     | 16   | Subminiature male to male coax connectors; RG-187/U (3 feet)  | 732A     | 14   |
| Unshielded twin banana plug to insulated alligator clips (4 feet)                              | 6012A    | 16   | Subminiature female to female coax connectors; RG-187/U (3 feet)  | 732B     | 15   |
| Unshielded twin banana plug to small pin prods, standard red and black test lead wire (4 feet) | 6014A    | 16   | Subminiature male to female coax connectors; RG-187/U (3 feet)  | 732C     | 15   |
| Twin banana plug to twin pin plugs; 75-ohm coax (6 feet)                                       | 6046J    | 17   | Subminiature snap-on female coax connector each end (4 in.)   | 743A     | 15   |
| Unshielded twin banana plug to battery clips (30 feet)   | 05154    | 17   | Female coax connector, both ends; RG-371 (1 foot)   | 790A     | 15   |
| Unshielded twin banana plug to battery clips; shielded lead banana plug to clip (30 feet)      | 05155    | 17   | Female coax connector, both ends; RG-371 (10 feet)  | 790B     | 15   |
| <b>Test Cords With Coaxial Type Plugs:</b>   |          |      |   |          |      |
| Male coax plugs each end (2 feet)  | 673A     | 17   |   |          |      |
| Male coax plug to BNC connector (6 feet)   | 693A     | 17   |   |          |      |

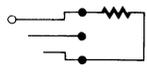
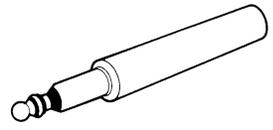
Table 2. Descriptive Index – Plugs, Adapters and Cords (Continued)

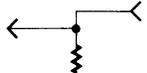
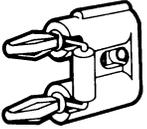
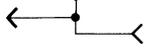
| Contents  | Number | Page | Contents  | Number | Page |
|---|--------|------|---|--------|------|
| <b>Test Cords With Twin Conductor Uhf Type Connectors:</b>  |        |      | <b>Special Purpose Test Cords and Service Extension Cables (Cont'd)</b>   |        |      |
| Male twin conductor, uhf-type connector to twin banana plug (6 feet)  | 714A   | 15   | Shielded cable E/W connectors for interface between 26D and 25B subset for secondary channel operation (6 feet)       | 44458  | 18   |
| Female twin conductor, uhf-type connector to 3 alligator clips (6 feet)   | 714B   | 15   | Service extension cable; extends 37491 or 37492 from shelf (4 feet)   | 44892  | 19   |
| Male BNC to twin pin miniature plug   | 714C   | 15   | Service extension cable; extends 37493 or 37496 from shelf (4 feet)   | 44893  | 19   |
| Male twin conductor, uhf-type connector to subminiature twin female (1.5 feet)  | 716A   | 15   | Service extension cable; extends 37494 or 37495 from shelf (4 feet)   | 44894  | 19   |
| Two conductor coaxial plug to twin conductor uhf-type male plug (6 feet)  | 719A   | 15   | Male 10-pin, 3-coaxial connector to female 10-pin, 3 coaxial connector; extends 778 plug-in units from shelf (6 feet) | 48527  | 19   |
| <b>Special Purpose Test Cords and Service Extension Cables</b>  |        |      | <b>Test Transformers:</b>   |        |      |
| Single pin prod both ends (1 foot)  | 636A   | 15   | Transformer, 600-ohm unbalanced impedance (banana plug) to 130-ohm or 600-ohm balanced impedance (binding posts)      | 583B   | 20   |
| Single pin black prod both ends (2 feet)  | 6015A  | 15   | Transformer, 600-ohm unbalanced impedance (banana plug) to 600-ohm or 900-ohm balanced impedance (binding posts)      | 583C   | 20   |
| Single pin red prod both ends (2 feet)  | 6015B  | 15   | Transformer, 600-ohm unbalanced impedance (banana plug) to 130-ohm balanced impedance (binding posts)                 | 583D   | 20   |
| 11-pin male to 20-pin female test cord for patching test sets to 45-class vf and signaling circuits (9 feet)                            | 649A   | 18   | Transformer, 600-ohm unbalanced impedance (banana plug) to 75-ohm impedance (coaxial BNC jack)                        | 583E   | 20   |
| 20-pin male to 20-pin female test cord; patches test sets to 45-class hf circuits or extends units when used with 655A or 671A (9 feet) | 650A   | 18   | Transformer, impedance matching test set to match 75-ohm coaxial plug to 124-ohm twin UHF connection                  | 760A   | 20   |
| Standard test prods, red and black, to single banana plugs (3 feet)   | 651B   | 18   |   |        |      |
| 20-pin male to 20-pin female test cord; patches 681B repeater switching set (9 feet)  | 683A   | 18   |   |        |      |
| Twin pin jack plugs both ends (2 feet)  | 684G   | 18   |   |        |      |
| Single pin plug, both ends (4 feet)   | 05157  | 18   |   |        |      |
| Pin test probes to TS plug (6 feet)   | 6025A  | 18   |   |        |      |

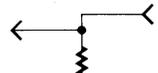
# TERMINATING PLUGS

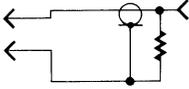
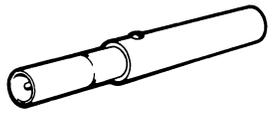
| Type           | Description                                   | Telephone Type Plugs  |   |
|----------------|---|---|---|
| 616B Plug<br>○ | 130-ohm terminating plug for double TS jacks. |  |  |
| 616C Plug<br>○ | 600-ohm terminating plug for double TS jacks. |  |   |

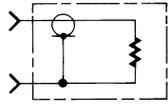
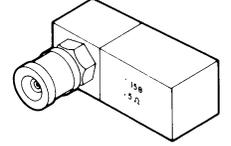
| 665A Plug<br>○     | 130-ohm terminating plug for single TRS jacks. |  |   |         |    |     |    |     |    |     |    |      |  |
|--------------------|--|--|---|---------|----|-----|----|-----|----|-----|----|------|--|
| 665B Plug<br>○     | 100-ohm terminating plug for single TRS jacks. |   |  |         |    |     |    |     |    |     |    |      |  |
| 666A Plug          | 600-ohm terminating plug for single TRS jacks  |  |   |         |    |     |    |     |    |     |    |      |  |
| 666B Plug<br>○     | 900-ohm terminating plug for single TRS jacks. |  |   |         |    |     |    |     |    |     |    |      |  |
| 6000A-XX Plug<br>Ⓜ | Single miniature TRS terminating plug.         | <table border="1"> <thead> <tr> <th>XX</th> <th>RESIST.</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>600</td> </tr> <tr> <td>02</td> <td>900</td> </tr> <tr> <td>03</td> <td>135</td> </tr> <tr> <td>04</td> <td>OPEN</td> </tr> </tbody> </table> | XX  | RESIST. | 01 | 600 | 02 | 900 | 03 | 135 | 04 | OPEN |  |
| XX                 | RESIST.  |  |   |         |    |     |    |     |    |     |    |      |  |
| 01                 | 600  |  |   |         |    |     |    |     |    |     |    |      |  |
| 02                 | 900  |  |   |         |    |     |    |     |    |     |    |      |  |
| 03                 | 135  |  |   |         |    |     |    |     |    |     |    |      |  |
| 04                 | OPEN   |  |   |         |    |     |    |     |    |     |    |      |  |

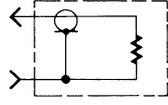
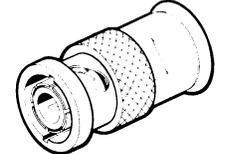
|                |  |   |   |
|----------------|--|---|---|
| 668A Plug<br>○ | 2610-ohm plug with terminating resistor connected across tip-sleeve. For single TRS jacks in 91-Class equipment. |  |  |
|----------------|--|---|---|

| Type      | Description  | Twin Banana Plugs   |   |
|-----------|--|---|---|
| 669A Plug | 130-ohm twin banana plug for terminating ACVM or other test equipment. |  |  |
| 670A Plug | 600-ohm twin banana plug for terminating ACVM or other test equipment. |  |   |

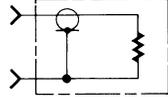
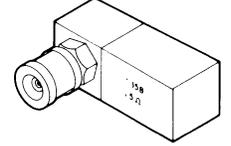
| Type      | Description  | Twin Banana Plugs   |   |
|-----------|--|---|---|
| 670B Plug | 900-ohm twin banana plug for terminating ACVM or other test equipment. |  |  |
| 696A Plug | 75-ohm twin banana plug for terminating ACVM or other test equipment.  |  |   |

| Type            | Description   | Coaxial Type Plugs  |   |
|-----------------|---|---|---|
| 676A Plug<br>□  | 75-ohm terminating plug for standard coaxial jacks. Includes a test pin jack. |  |  |
| 676C Plug<br>□  | 75-ohm terminating plug for standard coaxial jacks                            |   |   |
| 6046E Plug<br>Ⓜ | Single miniature telephone coaxial plug for terminating 75-ohm circuits       |   |   |

|           |   |  |  |
|-----------|---|--|--|
| 731A Plug | 75-ohm terminating plug. Equipped with female threaded connector. Used to terminate 75-Class equipment. |  |  |
|-----------|---|--|--|

|           |                                    |   |   |
|-----------|------------------------------------|---|---|
| 733A Plug | 75-ohm male BNC terminating plug.  |  |  |
| 733B Plug | 600-ohm male BNC terminating plug. |   |   |

|           |                                     |  |  |
|-----------|-------------------------------------|--|--|
| 733C Plug | 61.9-ohm male BNC terminating plug. |  |  |
|-----------|-------------------------------------|--|--|

|           |  |   |   |
|-----------|--|---|---|
| 735B Plug | 75-ohm terminating plug. Equipped with subminiature push-on connector. |  |  |
|-----------|--|---|---|

**TERMINATING PLUGS (Cont'd)**

| Type                                     | Description   | Coaxial Type Plugs |  |
|--|---|--------------------|--|
| 793A Plug<br><input type="checkbox"/>    | 124-ohm terminating plug for double coaxial jack.                         |                    |  |
| 6046F Plug<br><input type="checkbox"/> M | Twin miniature telephone coaxial plug for terminating 124-ohm circuits.   |                    |  |
| 28470 Plug                               | 130-ohm terminating plug with two female subminiature coaxial connectors. |                    |  |

| Type       | Description   | Twin Contact UHF Type Plugs |  |
|------------|---|-----------------------------|--|
| 6058A Plug | Male uhf-type twin connector plug for terminating 124-ohm circuits. |                             |  |

**OPEN, LOOP, AND ATTENUATOR PLUGS**

| Type                                     | Description  | Coaxial Type Plugs |  |
|--|--|--------------------|--|
| 676D Plug<br><input type="checkbox"/>    | Looping plug for connecting two telephone coaxial jacks in tandem.   |                    |  |
| 6046G Plug<br><input type="checkbox"/> M | Looping plug with circuit connected between two female miniature coaxial connectors.                         |                    |  |
| 691A Plug                                | BNC coaxial connector plug. Female ends provided for connecting two test cords with BNC fittings. (UG-914/U) |                    |  |

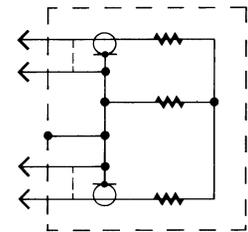
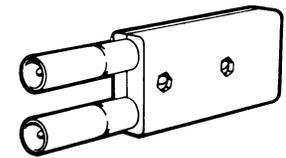
| Type      | Description   | Coaxial Type Plugs |  |
|-----------|---|--------------------|--|
| 738A Plug | 50-ohm Attenuator plug, SMA series, which provides 3.0 ±0.5 dB attenuation at 13.25 GHz and 2.0 watts.  |                    |  |
| 738B Plug | 50-ohm Attenuator plug, SMA series which provides 1.0 ±0.5 dB attenuation at 7 GHz and 2.0 watts (SMA). |                    |  |
| 738C Plug | 50-ohm Attenuator plug, SMA series, which provides 20.0 ±0.5 dB attenuation at 13.25 GHz and 2.0 watts. |                    |  |

|           |   |  |  |
|-----------|---|--|--|
| 794A Plug | 3-way 75-ohm baseband signal splitter with BNC receptacle on each leg. (UG-290/U) |  |  |
|-----------|---|--|--|

51994-XX Plug

Looping and attenuator plug for connecting two telephone coaxial jacks through an internal dB attenuator.

| XX | dB |
|----|----|
| 02 | 2  |
| 03 | 3  |
| 04 | 4  |
| 05 | 5  |
| 06 | 6  |
| 12 | 12 |



## OPEN, LOOP, AND ATTENUATOR PLUGS (Cont'd)

| Type       | Description   | Special Purpose Plugs |
|------------|---|-----------------------|
| 52040 Plug | Loop-back test plug for LN/46B/47A Repeaters. Contains an 18-pin connector with straps. |                       |

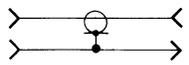
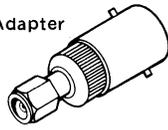
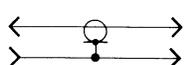
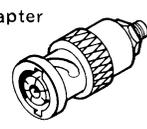
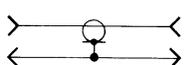
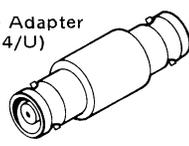
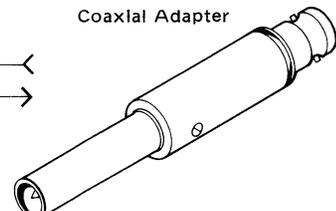
## ADAPTERS

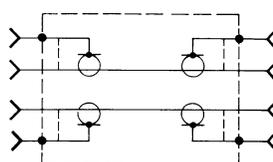
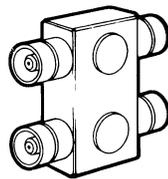
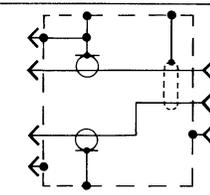
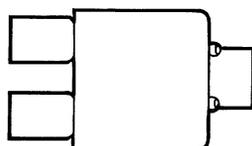
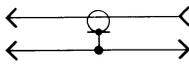
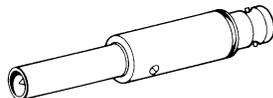
| Type         | Description  | Telephone Type Adapters |
|--------------|--|-------------------------|
| 6000H-01     | Telephone jack adapter for TRS standard to miniature connections.        |                         |
| 6000H-02     | Telephone jack adapter for tip-sleeve standard to miniature connections. |                         |
| 791A Adapter | N Female to SMA male coaxial adapter.                                    |                         |
| 792A Adapter | N male to SMA male coaxial adapter.                                      |                         |
| Type         | Description  | BNC Type Adapters       |
| 701A Adapter | Female BNC to subminiature female coaxial adapter.                       |                         |

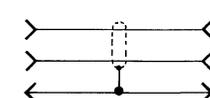
## ADAPTERS (Cont'd)

| Type         | Description   | BNC Type Adapters |
|--------------|---|-------------------|
| 708A Adapter | Male BNC to banana binding posts type of adapter.   |                   |
| 708B Adapter | Female BNC to male banana plug, type of adapter.  |                   |
| 711A Adapter | Female BNC to subminiature male SMP coaxial adapter.  |                   |
| 717A Adapter | Female BNC to subminiature male coaxial adapter with 75-ohm attenuation.  |                   |
| 745A Adapter | BNC female to uhf male coaxial connector. (UG-273/U)  |                   |
| 746A Adapter | Female microminiature plug to female BNC connector. Used to interconnect with male microminiature plug and male BNC connectors. |                   |
| 750A Adapter | Coaxial tee adapter with two BNC female and one BNC male connectors. (UG-274/U)   |                   |
| 751A Adapter | Male BNC to female N coaxial connector. Interconnects shf signal generator to microwave receiver. (UG-349/U)                    |                   |
| 751B Adapter | Female BNC to male N coaxial connector. Interconnects shf signal generator to microwave receiver. (UG-201/U)                    |                   |

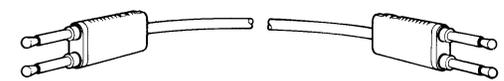
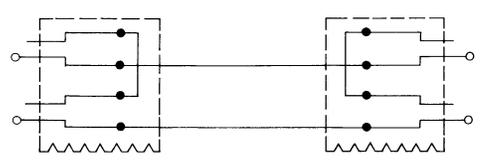
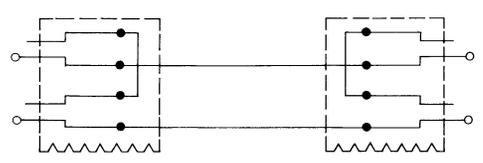
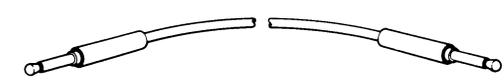
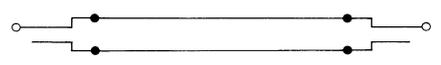
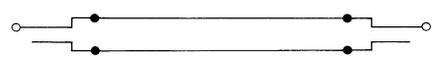
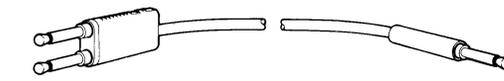
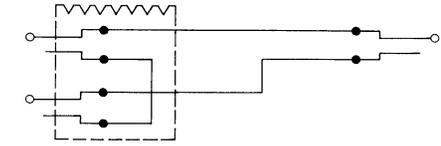
## ADAPTERS (Cont'd)

| Type              | Description   | Adapter Kit   |
|-------------------|---|---|
| 44880 Adapter Kit | Kit contains four coaxial adapters which can be used with standard test cords for 75-Class testing. |   |
|                   |   |   |
|                   |   |   |
|                   |   |   |

| Type         | Description  | Coaxial Type Adapters   |
|--------------|--|---|
| 709A Adapter | Twin subminiature female coaxial at both ends. Used to interconnect two test transformers having subminiature coaxial male connectors. |     |
| 720A Adapter | Female uhf-type, twin contact connector to twin subminiature male coaxial connectors. Used with 719A test cord. (UG-103/U)             |   |
| 789A Adapter | Male coaxial connector to female BNC.  |   |

| Type          | Description  | Coaxial Type Adapters   |
|---------------|--|---|
| 6000F Adapter | Female uhf-type twin contact connector to female coaxial. (UG-105/U) |   |

## TEST CORDS AND SERVICE EXTENSION CABLES

| Type           | Description  | Test Cords with Telephone Type Plugs  |
|----------------|--|---|
| 613A Cord<br>○ | Double tip-sleeve plug at each end wired tip to tip. Cord used for patching test equipment with double jacks. Cord is 3 feet long.   |       |
| 614A Cord<br>○ | Same as 613A cord except length is 6 feet.   |    |
| 621A Cord<br>○ | Single tip-sleeve plug at each end wired tip to tip. Cord used for patching test equipment with single jacks. Cord is 1 foot long.   |    |
| 625A Cord<br>○ | Same as 621A cord except cord length is 6 feet.  |    |
| 631A Cord<br>○ | Same as 621A cord except cord length is 3 feet.  |    |
| 627A Cord<br>○ | Single TS plug to double TS plug, wired tip to tip with cord. Used to patch or test circuits with single TS jacks on one end and double TS jacks at the other end. Length is 6 feet. |   |
| 632A Cord<br>○ | Single TRS plug at each end. Cord used for patching test equipment with TRS jacks. Cord is 6 feet long.  |    |

# TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

| Type              | Description   | Test Cords With Telephone Type Plugs |
|-------------------|---|--------------------------------------|
| 632B<br>Cord<br>○ | Same as 632A cord except cord length is 9 feet.   |                                      |
| 632C<br>Cord<br>○ | Same as 632A cord except cord length is 15 feet.  |                                      |
| 633A<br>Cord<br>○ | Single TRS plug at each end with a shielded sleeve. Slate cord used for patching shielded circuits with single TRS jack access. Cord is 6 feet long.  |                                      |
| 633B<br>Cord<br>○ | Same as 633A cord except length is 15 feet.   |                                      |
| 641A<br>Cord<br>○ | Double TS plug at both ends, wired tip to tip and shield to sleeves with cord. Used to patch or test hf carrier frequency circuits. Length is 6 feet. |                                      |
| 646A<br>Cord<br>○ | Double tip-sleeve plug connected to a molded twin banana plug. Cord is 6 feet long.   |                                      |
| 646B<br>Cord<br>○ | Same as 646A cord except length is 10 feet.   |                                      |
| 662A<br>Cord<br>○ | Single TRS plug to double tip-sleeve plug, shielded. Cord used to patch double jacks to single three conductor jacks. Length is 6 feet.               |                                      |

| Type              | Description  | Test Cords With Telephone Type Plugs |
|-------------------|--|--------------------------------------|
| 663A<br>Cord<br>○ | Single TRS plug to crocodile clips. Shielded cord. Used to patch three-conductor jack to test equipment not having jacks. Length is 6 feet.                  |                                      |
| 664A<br>Cord<br>○ | Single TRS plug to twin banana plugs; shielded. Cord patches test equipment to jackfields. Length is 6 feet.   |                                      |
| 699A<br>Cord<br>○ | Single TRS plug to molded twin banana plug; coaxial RG-62/U. Patches test equipment to TRS jack. Length is 6 feet.   |                                      |
| 712A<br>Cord<br>○ | Single TRS plug to UG-260/U (BNC) coaxial connector through RG-62/U coaxial. Used to patch test equipment to unbalanced baseband circuits. Length is 6 feet. |                                      |
| 722A<br>Cord<br>○ | TRS plugs (2) to 6-point test plug through 6 conductor cord. Length is 15 feet.  |                                      |

**TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)**

| Type              | Description  | Test Cords With Telephone Type Plugs |
|-------------------|--|--------------------------------------|
| 723A<br>Cord<br>○ | Single TRS plug to alligator clips. Made of low resistance wire for use as a power cord. Length is 12 feet. Cord is two conductor.         |                                      |
| 724A<br>Cord<br>○ | Single TRS plug to four point test plug. Three conductor cord; length is 12 feet. Used to connect test equipment and unit being tested.    |                                      |
| 725A<br>Cord<br>○ | Single TRS plug at each end, with TS connections. Made of low resistance wire for use as a power cord. Two conductor cord, 12 feet long.   |                                      |
| 727A<br>Cord<br>○ | Single tip-sleeve plug to molded twin banana plug, with coaxial RG-62/U. Used to patch test equipment to single TS jack. Length is 6 feet. |                                      |
| 729A<br>Cord<br>○ | Single TRS plug to twin pin plug. Two conductor cord with TR connections. Used for patching and test purposes. Length is 8-1/2 feet.       |                                      |
| 729B<br>Cord<br>Ⓜ | Same as 729A except miniature TRS plug.  |                                      |

| Type   | Description   | Test Cords With Telephone Type Plugs  |    |        |    |       |    |        |
|--|---|---|----|--------|----|-------|----|--------|
| 741A<br>Cord<br>○                              | Double TRS plug at each end; 6-conductor cord. Used to patch double TRS jacks. Length is 3 feet.  |   |    |        |    |       |    |        |
| 741B<br>Cord<br>○                              | Same as 641A, except length is 6 feet.  |   |    |        |    |       |    |        |
| 6025B<br>Cord<br>Ⓜ<br>○                        | Miniature TS plug to standard TS plug; used to connect distortion measuring sets to telegraph systems. Length is 6 feet.                                      |   |    |        |    |       |    |        |
| 6100B-XX<br>Cord<br>(formerly 6000B)<br>Ⓜ<br>○ | TRS miniature plug to twin banana plug. Two conductor shielded cord.  | <table border="1"> <thead> <tr> <th>XX</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>5 Ft.</td> </tr> <tr> <td>02</td> <td>10 Ft.</td> </tr> </tbody> </table> | XX | LENGTH | 01 | 5 Ft. | 02 | 10 Ft. |
| XX   | LENGTH  |   |    |        |    |       |    |        |
| 01   | 5 Ft.   |   |    |        |    |       |    |        |
| 02   | 10 Ft.  |   |    |        |    |       |    |        |
| 6100C-XX<br>Cord<br>(formerly 6000C)<br>Ⓜ<br>○ | TRS miniature plug at both ends. Two conductor, shielded cord. Used to patch or test shielded circuits with single TRS jack access.                           |   |    |        |    |       |    |        |
| 6100D-XX<br>Cord<br>(formerly 6000D)<br>Ⓜ<br>○ | TRS miniature plug to TRS standard plug. Two conductor shielded cord. Used to connect standard TRS jacks on test sets to miniature TRS jacks on tested units. | <table border="1"> <thead> <tr> <th>XX</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>5 Ft</td> </tr> <tr> <td>02</td> <td>10 Ft</td> </tr> </tbody> </table>   | XX | LENGTH | 01 | 5 Ft  | 02 | 10 Ft  |
| XX   | LENGTH  |   |    |        |    |       |    |        |
| 01   | 5 Ft  |   |    |        |    |       |    |        |
| 02   | 10 Ft   |   |    |        |    |       |    |        |

6100C-XX

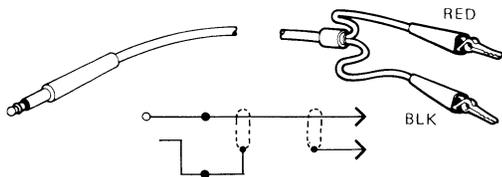
| XX | LENGTH |
|----|--------|
| 01 | 5 Ft   |
| 02 | 10 Ft  |
| 03 | 2 Ft   |
| 04 | 2.5 Ft |

# TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

## Test Cords With Telephone Type Plugs

**6100E** Tip-sleeve miniature plug to single banana plugs. Single conductor shielded cord in 5-foot length

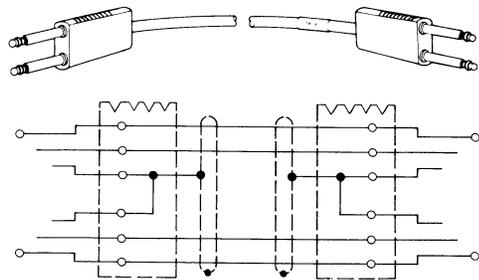
(M)



**6100G-XX** Double miniature TRS at both ends. Five conductor shielded cord.

(M)

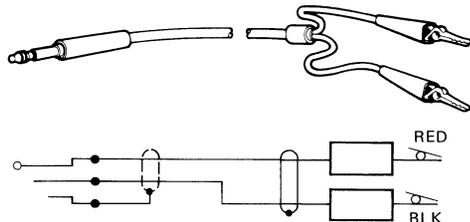
| XX | LENGTH |
|----|--------|
| 01 | 2 Ft   |
| 02 | 3 Ft   |
| 03 | 6 Ft   |
| 04 | 10 Ft  |



**6100J** Cord Miniature TRS plug to crocodile clips, shielded.

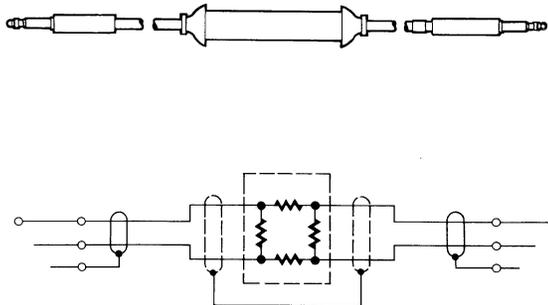
(M)

Patch three-conductor jack to test equipment or to test points not equipped with jacks. Cord is 6 feet long.



**6126A-XX** TRS miniature plug at both ends. Two conductor, shielded cord with 23 dB attenuator built into center of cord.

(M)



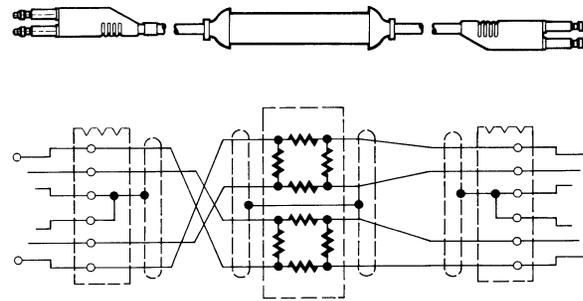
| XX | LENGTH |
|----|--------|
| 01 | 6 Ft   |
| 02 | 10 Ft  |
| 03 | 15 Ft  |

## Test Cords With Telephone Type Plugs

**6127A-XX** Double miniature TRS plug at both ends. Four conductor, shielded cord with 23 dB attenuator built into center of cord.

(M)

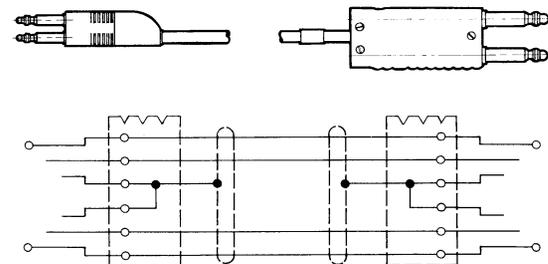
| XX | LENGTH |
|----|--------|
| 01 | 6 Ft   |
| 02 | 10 Ft  |
| 03 | 15 Ft  |



**6128A-XX** Cord Double miniature TRS plug to double standard TRS plug through four conductor, braided shield cord.

(M)

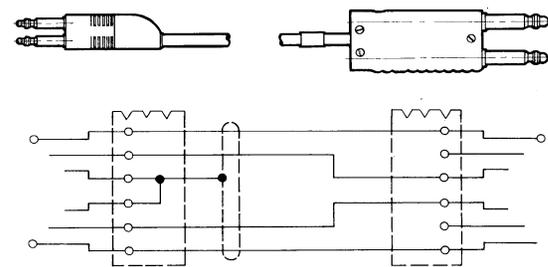
| XX | LENGTH |
|----|--------|
| 01 | 6 Ft   |
| 02 | 10 Ft  |



**6128B-XX** Cord Double miniature TRS plug to double small (.210) TRS plug through four conductor, braided shield cord.

(M)

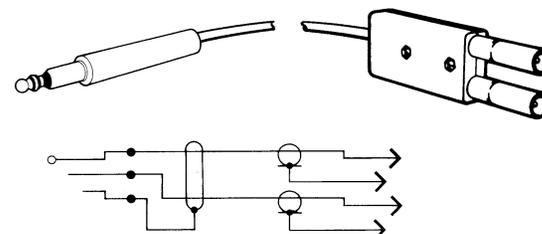
| XX | LENGTH |
|----|--------|
| 01 | 6 Ft   |
| 02 | 10 Ft  |



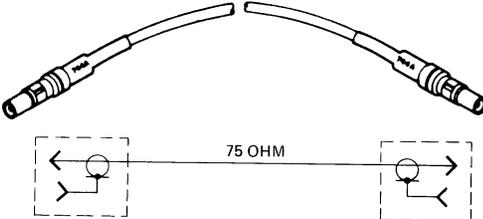
**6046L-XX** Cord Single miniature TRS plug to standard double male coaxial plug through 124 ohm video cable.

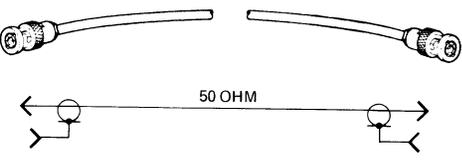
(M)

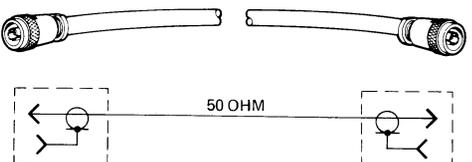
| XX | LENGTH |
|----|--------|
| 01 | 6 Ft   |
| 02 | 10 Ft  |

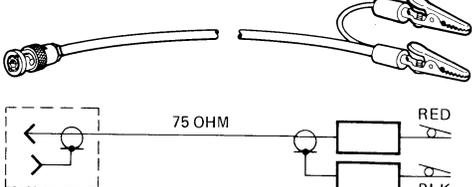


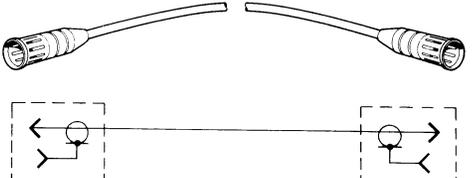
## TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

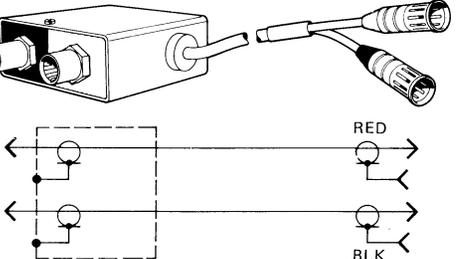
| Type      | Description  | Test Cords With Coaxial Type Plugs  |
|-----------|--|---|
| 744A Cord | Male miniature coaxial insert plugs at each end of RG-187/U. Length is 4 inches. |  |

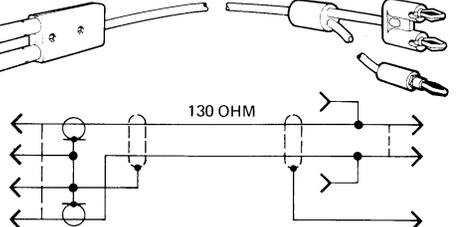
| Type      | Description  | Test Cords With Coaxial Connectors  |
|-----------|--|---|
| 648A Cord | Male UG-88/U (BNC) coax connectors at both ends; coaxial RG-58/U. Length is 6 feet. Used to patch or test radio equipment. |  |

|           |  |   |
|-----------|--|---|
| 661A Cord | Male UG-21B/U (N) coax connectors at both ends; coaxial RG-8/U. Length is 6 feet. Used to patch or test radio equipment. |  |
|-----------|--|---|

|           |  |  |
|-----------|--|--|
| 693B Cord | UG-260/U (BNC) coaxial connector to alligator clips through coaxial RG-59/U cable. Length is 6 feet. Used to patch test equipment to hf equipment. |  |
|-----------|--|--|

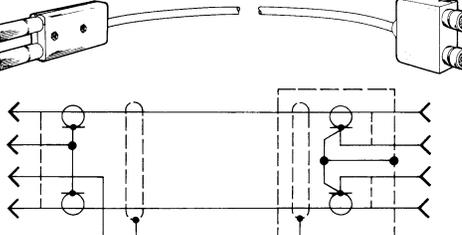
|           |  |   |
|-----------|--|---|
| 700A Cord | Subminiature coaxial connectors at both ends. Length is 1-1/2 feet. Used with service extension units. |  |
|-----------|--|---|

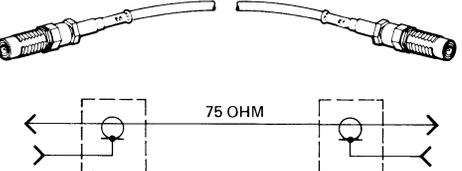
| Type      | Description   | Test Cords With Coaxial Connectors  |
|-----------|---|---|
| 703A Cord | Subminiature coaxial connectors at both ends of balanced 130-ohm test cord. Length is 7 feet. |  |

|           |  |   |
|-----------|--|---|
| 713A Cord | Twin coaxial plug to twin banana plug, with shield ground to single banana plug. Length is 6 feet. |  |
|-----------|--|---|

|           |   |   |
|-----------|---|---|
| 721A Cord | UG-260/U male (BNC) connectors at both ends of RG-59/U coaxial cable. Length is 1-1/2 feet. Used to patch or test radio equipment. (75 ohm) |  |
|-----------|---|---|

|           |  |   |
|-----------|--|---|
| 721B Cord | Same as 721A, except length is 3 feet. |  |
| 721C Cord | Same as 721A, except length is 6 feet. |  |

|           |  |   |
|-----------|--|---|
| 728A Cord | Twin coaxial plug to twin female subminiature connector. Length is 6 feet. |  |
|-----------|--|---|

|           |   |   |
|-----------|---|---|
| 732A Cord | Subminiature male coaxial connectors at each end of RG-187/U. Used for patching or testing 75-ohm circuits with female subminiature coaxial connectors. Length is 3 feet. |  |
|-----------|---|---|

# TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

| Type      | Description  | Test Cords With Coaxial Connectors |
|-----------|--|------------------------------------|
| 732B Cord | Subminiature female coax connector at each end of RG-187/U. Length is 3 feet. Used for patching or testing 75-ohm circuits with male subminiature coax connectors.                             |                                    |
| 790A Cord | Subminiature female coax connectors at both ends of RG-398 (50-ohm). Length is 1 foot.   |                                    |
| 790B Cord | Same as 790A Cord, except length is 10 feet.   |                                    |
| 732C Cord | Subminiature male coaxial connector to subminiature female coaxial connector through RG-187/U. Used for patching or testing circuits with mating male and female connectors. Length is 3 feet. |                                    |
| 743A Cord | Subminiature female snap-on connectors at each end of RG-187/U. Used for patching or testing circuits with male subminiature coax connectors. Length is 4 inches.                              |                                    |
| 714A Cord | Male uhf-type, twin contact connector to twin banana plug through twin conductor shielded test cord. Used to patch test equipment to balanced baseband circuits. Length is 6 feet.             |                                    |

| Type      | Description  | Test Cords With UHF Type Connectors                     |
|-----------|--|---|
| 714B Cord | Female uhf-type (UG-103/U) twin contact connector to (3) alligator clips. Used to patch test equipment to hf equipment.  |   |
| 714C Cord | Male BNC type contact connector to twin pin miniature plug. Used to synchronize output of error rate test set for in service testing.                                |   |
| 716A Cord | Male uhf-type, twin contact connector to twin female subminiature connectors. Used to connect balanced baseband circuits to test transformers. Length is 1-1/2 feet. |   |
| 719A Cord | Male uhf-type, twin contact connector to double hf coaxial plug. Used to patch test equipment to vf equipment. Length is 6 feet.                                     |   |
| Type      | Description  | Special Purpose Test Cords And Service Extension Cables |
| 636A Cord | Single pin red prod at both ends. Used to patch test equipment to pin jack test points. Length is 1 foot.  |   |

# TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

| Type       | Description   | Special Purpose Test Cords And Service Extension Cables |
|------------|---|---|
| 6015A Cord | Single pin black prod at both ends. Used to patch test equipment to pin jack test points. Length is 2 feet. |   |
| 6015B Cord | Same as 6015A except red prods.   |   |
| 6129A Cord | Miniature TS plug at both ends. One conductor, braided shield cord.   |   |

| XX | LENGTH |
|----|--------|
| 01 | 6 Ft   |
| 02 | 10 Ft  |

| Type      | Description  | Test Cords With Twin Banana Plugs |
|-----------|--|-----------------------------------|
| 647A Cord | Molded twin banana plug to alligator clips, through coaxial RG-58/U. Length is 6 feet. Used to patch VTVM and other test equipment to hf points not equipped with jacks. |                                   |
| 651A Cord | Molded twin banana plug to pin prods, through coaxial RG-62/U. Length is 6 feet. Used to patch VTVM or other test equipment to pin jack test points.                     |                                   |
| 651C Cord | Molded twin banana plug to test prod and clip. Length is 6 feet. Used to patch VTVM or other test equipment not equipped with jacks.                                     |                                   |

| Type      | Description  | Test Cords With Twin Banana Plugs |
|-----------|--|-----------------------------------|
| 674A Cord | Molded twin banana plug to male standard coaxial plug through RG-59/U. Length is 6 feet. Used to patch equipment to hf test equipment.   |                                   |
| 674B Cord | Molded twin banana plug to pin prods through coaxial RG-59/U. Patches test equipment to pin jack test points. Length is 6 feet.          |                                   |
| 674C Cord | Molded twin banana plug to UG-260/U coaxial connector, through RG-59A/U. Length is 6 feet. Used to patch test equipment to hf equipment. |                                   |
| 684B Cord | Twin banana plug to twin pin jack plug; shield to single banana plug. Length is 8-1/2 feet. Connects test equipment to pin jacks.        |                                   |
| 684D Cord | Twin banana plugs at each end; RG-58/U coaxial cable 3 feet long. Used to interconnect test equipment                                    |                                   |
| 695A Cord | Twin banana plugs at each end, wired tip-to-tip. Coaxial RG-62/U, 1-1/2 Feet long. Used to patch test equipment to test equipment.       |                                   |

# TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

| Type       | Description   | Test Cords With Twin Banana Plugs |
|------------|---|-----------------------------------|
| 6012A Cord | Double banana plug with ridged side connected to red lead of twin prod test wire, terminating with insulated alligator clips. Length is 4 feet.     |                                   |
| 6014A Cord | Double banana plug with ridged side connected to red lead of twin test prod wire, terminating in pin prods. Length is 4 feet.                       |                                   |
| 6046J Cord | Twin banana plug through 75-ohm coaxial test cord to twin pin plugs. Length is 6 feet.  |                                   |
| 05154 Cord | Twin banana plug to battery clips. Used for connecting pole mounted repeaters to test set. Length is 30 feet.                                       |                                   |
| 05155 Cord | Same as 05154, except battery clips shielded, ground connection for shield brought out to single banana plug at one end, battery clip at other end. |                                   |

| Type       | Description   | Test Cords With Coaxial Type Plugs  |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
|------------|---|---|----|--------|----|------|----|------|----|-------|----|--------|----|------|----|--------|----|--------|
| 673A Cord  | Male standard coax plugs at both ends of RG-59/U cable. Length is 1 foot. Used to patch or test hf equipment.                                       |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 693A Cord  | Male standard coax plug to UG-260/U (BNC) coax connector through RG-59/U cable. Length is 6 feet. Used to patch test equipment to hf equipment.     |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 6046A Cord | Miniature coax plug to male BNC connector. Length is 6 feet.  |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| Type       | Description   | Test Cords With Twin Banana Plugs   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 6046B Cord | Double male miniature coax plug to twin banana plug and grounded single banana plug through shielded pair test cord. Length is 6 feet.              |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 6046C Cord | Male miniature coaxial plug on both ends of coaxial test cord, RG-59/U.   | <table border="1"> <thead> <tr> <th>XX</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr><td>01</td><td>2 Ft</td></tr> <tr><td>02</td><td>6 Ft</td></tr> <tr><td>03</td><td>10 Ft</td></tr> <tr><td>04</td><td>0.5 Ft</td></tr> <tr><td>05</td><td>1 Ft</td></tr> <tr><td>06</td><td>1.5 Ft</td></tr> <tr><td>07</td><td>2.5 Ft</td></tr> </tbody> </table> | XX | LENGTH | 01 | 2 Ft | 02 | 6 Ft | 03 | 10 Ft | 04 | 0.5 Ft | 05 | 1 Ft | 06 | 1.5 Ft | 07 | 2.5 Ft |
| XX         | LENGTH  |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 01         | 2 Ft  |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 02         | 6 Ft  |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 03         | 10 Ft   |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 04         | 0.5 Ft  |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 05         | 1 Ft  |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 06         | 1.5 Ft  |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 07         | 2.5 Ft  |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |
| 6046D Cord | Double male miniature coaxial plug on each end of balanced, shielded pair test cord. Available as 6046D-01 (2 feet), -02 (6 feet) or -03 (10 feet). |   |    |        |    |      |    |      |    |       |    |        |    |      |    |        |    |        |

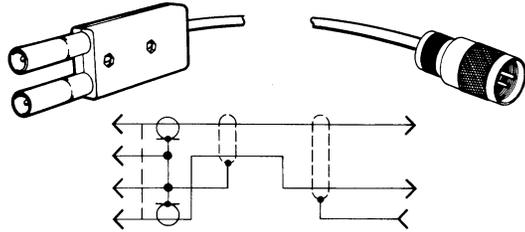
TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

**Type Description Test Cords With Twin Banana Plugs**

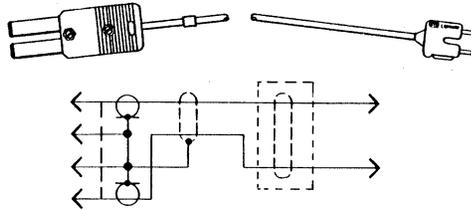
6046K Cord  
  
 M  
 Double male standard coaxial plug to double male miniature coaxial plug through 124 ohm video cable.

| XX | LENGTH |
|----|--------|
| 01 | 6 Ft   |
| 02 | 10 Ft  |

6046H Cord  
  
 M  
 Double male miniature coax plug to male uhf-type twin connector through shielded pair test cord. Length is 6 feet.

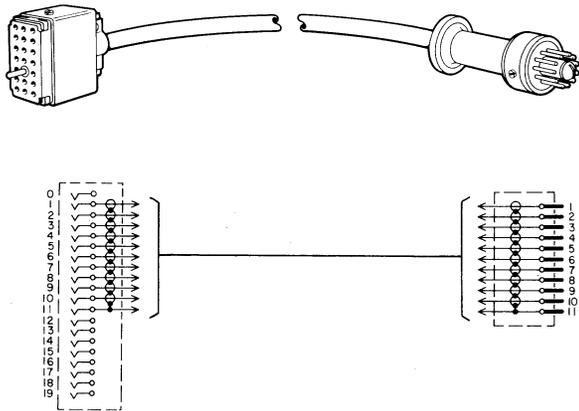


6046M Cord  
  
 M  
 135-ohm balanced double male miniature coax plug to twin pin plug.



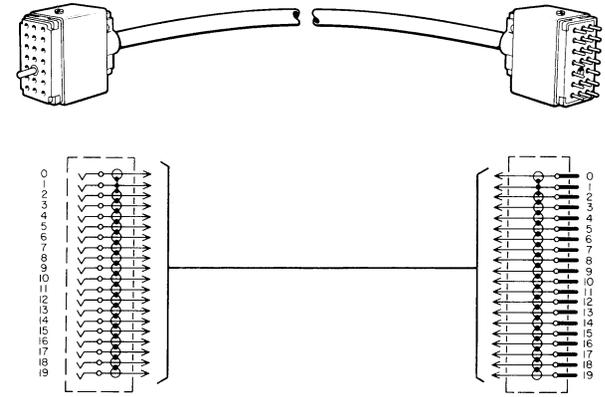
**Type Description Special Purpose Test Cords And Service Extension Cables**

649A Cord  
 Patch cord; 11-pin male to 20-pin female. Patches test set to vf and signaling circuits. Length is 9 feet. (For 45-class eqpt.)

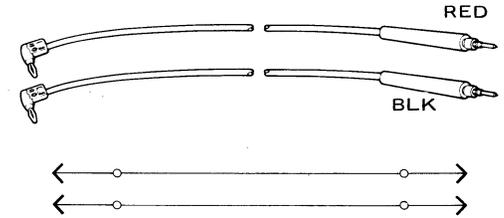


**Type Description Special Purpose Test Cords And Service Extension Cables**

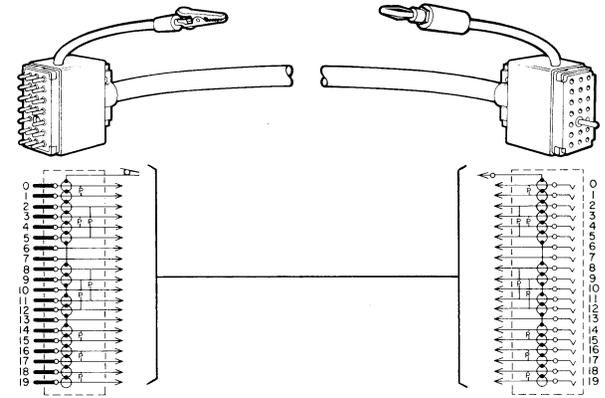
650A Cord  
 Patch cord; 20-pin male to 20-pin female. Patches test set to hf circuits and extends units from shelf positions for bench testing. Length is 9 feet. (For 45-class eqpt.)



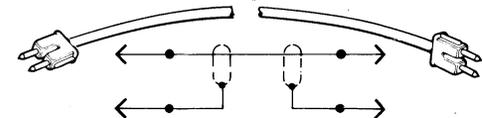
651B Cord  
 Banana plug prods to test prods. Used to patch test equipment not equipped with jacks to pin jack test points. Length is 3 feet.



683A Cord  
 20-pin male to 20-pin female. Patch 681B repeater switching set.



684G  
 Two conductor shielded cable with twin pin jack plugs on both ends. 2 feet long.



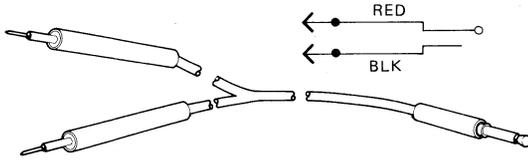
**Type Description Special Purpose Test Cords And Service Extension Cables**

05157-XX Cord  
Single pin plug at both ends. Length is 4 feet.

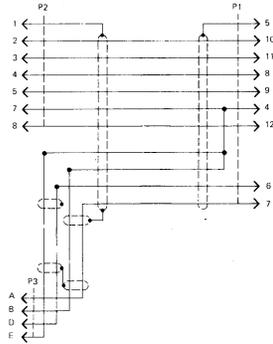
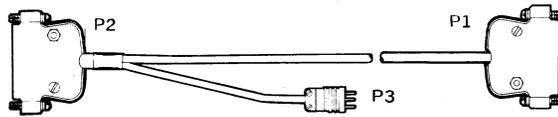
| XX | Color |
|----|-------|
| 01 | Red   |
| 02 | Black |



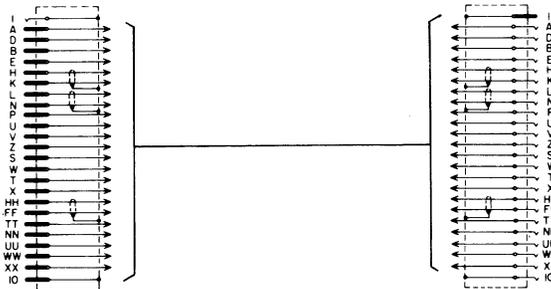
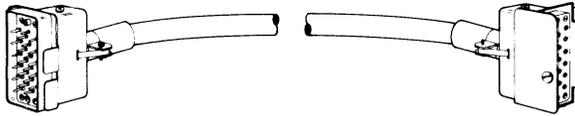
6025A Cord  
Pin test probes to TS plug. Length is 6 feet. Used to connect distortion measuring set to telegraph systems.



44458 Cord  
Provides shielded cable, equipped with connectors for interface between 26D Data Set and 25B Subset for secondary channel operation. Length is 6 feet. The -02 variation provides for interface between one 26D set and two 25B sets used as secondary channels.

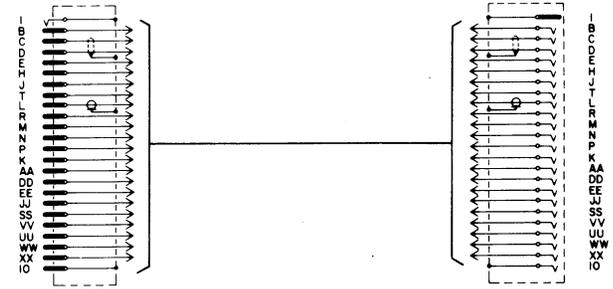


44892 Cord  
Multi-pin female to male connectors through plastic covered cable. Length is 4 feet. (For 75-class eqpt.)

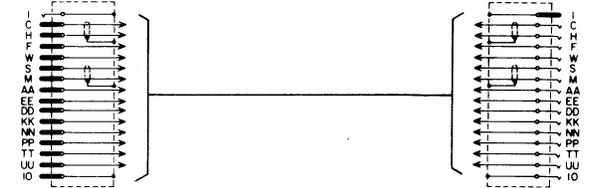


**Type Description Special Purpose Test Cords And Service Extension Cables**

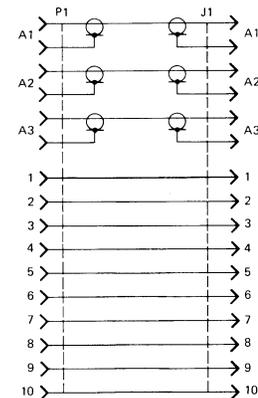
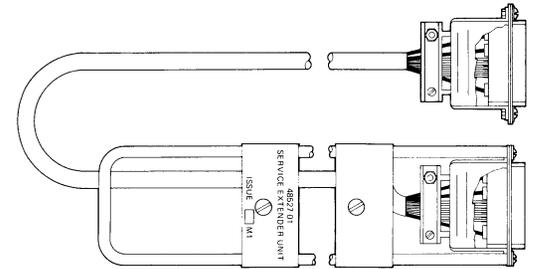
44893 Cord  
Same as 44892 Cord; different shielding provisions (for 75-class eqpt.).



44894 Cord  
Same as 44892 cord; different shielding provisions (for 75-class eqpt.).



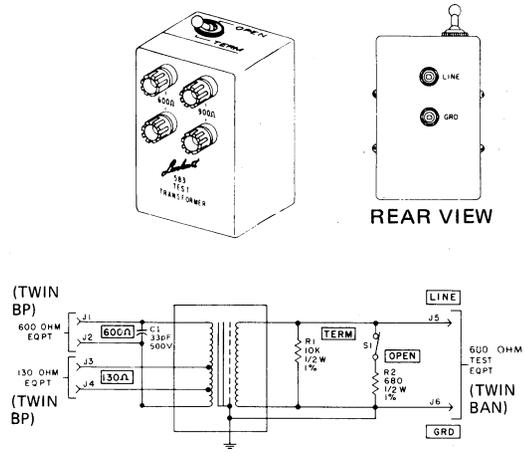
48527 Cord  
Male 10 pin, 3 coaxial connector to female 10 pin, 3 coaxial connector. A service extension cable, used to extend 78-series radio plug-in unit from its shelf.



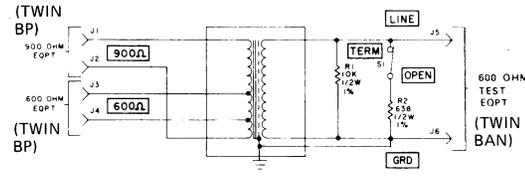
# TEST TRANSFORMERS

| Type | Description | Test Transformers |
|------|-------------|-------------------|
|------|-------------|-------------------|

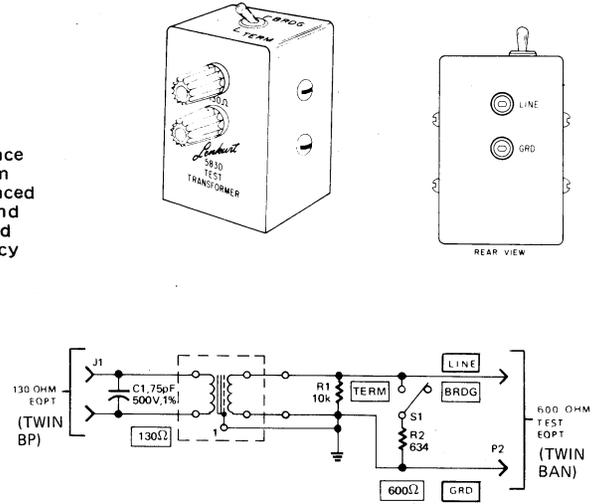
**583B** Transformer with 600:130/600 ohm impedance ratio for connecting test equipment with unbalanced terminals to balanced 130-ohm or 600-ohm circuits. Frequency range; 5 kHz to 1000 kHz, 0.2 dB insertion loss at 120 kHz.



**583C** Transformer which converts 600-ohm or 900-ohm balanced impedance to 600-ohm unbalanced impedance. Frequency range: 100 Hz to 10 kHz, 1.0 dB insertion loss at 1 kHz.

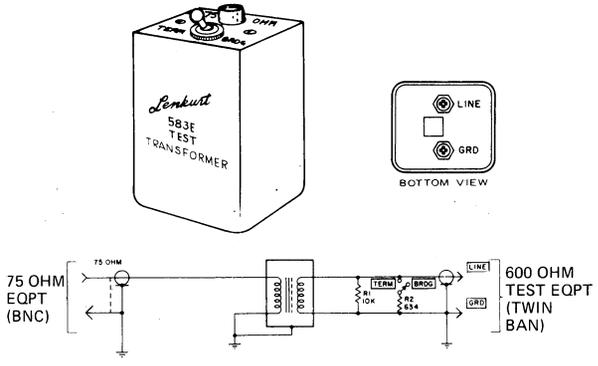


**583D** Transformer that provides impedance matching between 600-ohm unbalanced test equipment and 130-ohm balanced circuits. Frequency range: 12 kHz to 3.1 MHz, 0.2 dB insertion loss.



| Type | Description | Test Transformers |
|------|-------------|-------------------|
|------|-------------|-------------------|

**583E** Transformer that provides impedance matching between 75-ohm and 600-ohm circuits. Frequency range: 12 kHz to 3.1 MHz, 0.5 dB maximum insertion loss.



**760A** Transformer & test plug that provide impedance matching circuitry between 75-ohm test equipment and 124-ohm circuits. Frequency ranges: (LF) 20 Hz to 20 kHz, (HF) 20 kHz to 10 MHz, 2 dB insertion loss.

