

**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 WECO equivalents are also indicated):

- Standard (NORMAL) telephone; 0.250-inch nominal diameter (6.350 mm)
TRS: WECO equiv. 310 (sgl); 338 (dbl)
TS: WECO equiv. 347 (sgl); 241 (dbl)
- Standard (SMALL) telephone; 0.210-inch nominal diameter (5.334 mm)
TRS: WECO 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)
WECO equiv. 358 (sgl); 372 (dbl)
- Ⓜ Miniature coax; 0.297-inch nominal diameter (7.541 mm)
WECO 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

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

Number	Page	Number	Page
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
TERMINATING PLUGS			Coaxial Type Plugs: (Cont'd)		
Telephone Type Plugs:			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	Twin Connector Uhf Type Plugs:		
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	OPEN, LOOP AND ATTENUATOR PLUGS		
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	Three-way signal splitter, BNC receptacle on each leg	738C	8
Miniature TRS plug open	6000A-04	7	Two miniature female coax connectors used as a looping plug	794A	8
Twin Banana Plugs:			75-ohm, 2-dB looping plug attenuator	6046G	8
Twin banana plug E/W 130-ohm resistor	669A	7	75-ohm, 3-dB looping plug attenuator	51994-02	8
Twin banana plug E/W 600-ohm resistor	670A	7	75-ohm, 4-dB looping plug attenuator	51994-03	8
Twin banana plug E/W 900-ohm resistor	670B	7	75-ohm, 5-dB looping plug attenuator	51994-04	8
Twin banana plug E/W 75-ohm resistor	696A	7	75-ohm, 6-dB looping plug attenuator	51994-05	8
Coaxial Type Plugs:			75-ohm, 12-dB looping plug attenuator	51994-06	8
Male coax plug E/W 75-ohm resistor and test pin jack	676A	7		51994-12	8
Male coax plug E/W 75-ohm resistor	676C	7	Special Purpose Plugs:		
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
ADAPTERS			Test Cords With Telephone Type Plugs: (Cont'd)		
Telephone Type Adapters:			Single TRS plug each end, wired tip-to-tip, ring-to-ring and sleeve-to-sleeve (6 feet)		
TRS standard to miniature	6000H-01	9	(9 feet)	632A	10
TS standard to miniature	6000H-02	9	(15 feet)	632B	10
N Type Adapters:			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
BNC Type Adapters:			Double TS plug each end, wired tip-to-tip and shield-to-sleeves (6 feet)		
BNC female to subminiature female coax	701A	9	641A	11	
BNC male to twin binding posts	708A	9	Double TS plug to twin banana plug, wired shield-to-sleeves (6 feet)		
BNC female to male banana plug	708B	9	646A	11	
BNC female to subminiature male coax	711A	9	646B	11	
BNC female to twin subminiature male, E/W 75-ohm resistor	717A	9	Double TS plug to single TRS plug, wired tip-to-tip, tip-to-ring and shield-to-sleeves (6 feet)		
BNC female to male uhf coax; conforms to MIL-UG-273/U	745A	9	662A	11	
BNC female to male micro-miniature plug	746A	9	Single TRS plug to 2 crocodile clips, wired shield-to-sleeve (6 feet)		
BNC tee adapter; conforms to MIL-UG-274/U	750A	9	663A	11	
BNC male to N female; conforms to MIL-349/U	751A	9	Single TRS plug to twin banana plug, wired shield-to-sleeve (6 feet)		
BNC female to N male coax; conforms to MIL-201A/U	751B	9	664A	11	
Adapter Kit:			Single TRS plug to twin banana plug, wired tip-ring only (6 feet)		
Adapter set E/W four coax adapters, usable with standard test cords for 75-class testing	44880	10	699A	11	
Coaxial Type Adapters:			Single TRS plug to UG-260/U coax connector, wired tip-ring only (6 feet)		
Twin subminiature female coax, both ends	709A	10	712A	11	
Female twin conductor uhf-type to double male subminiature coax	720A	10	TRS plugs (2) to 6-point test plug (15 feet)		
Male coaxial connector to female BNC	789A	10	722A	11	
Female twin conductor uhf-type to female coax	6000F	10	Single TRS plug to 2 alligator clips, low resistance wire for use as power cord, tip-sleeve only (12 feet)		
TEST CORDS AND SERVICE EXTENSION CABLES			723A	12	
Test Cords With Telephone Type Plugs:			Single TRS plug to 4-point butt-in plug (12 feet)		
Double TS plug each end, wired tip-to-tip (3 feet)	613A	10	724A	12	
Double TS plug each end, wired tip-to-tip (6 feet)	614A	10	Single TRS plug each end, low resistance wire for use as power cord, wired tip-to-tip and sleeve-to-sleeve (12 feet)		
Single TS plug each end, wired tip-to-tip (1 foot)	621A	10	725A	12	
Single TS plug each end, wired tip-to-tip (6 feet)	625A	10	Single TS plug to twin banana plug (6 feet)		
Single TS plug each end, wired tip-to-tip (3 feet)	631A	10	727A	12	
Double TS plug to single TS plug, wired tip-to-tip and tip-to-sleeve (6 feet)	627A	10	Single TRS plug to twin pin plug, tip-ring only (8.5 feet)		
			729A	12	
			Miniature TRS plug to twin pin plug, shielded cable (8 feet)		
			729B	12	
			740A double TRS plug each end, wired tip-to-tip, ring-to-ring and sleeve-to-sleeve (3 feet)		
			741A	12	
			741B	12	
			Miniature TRS plug to twin banana plug, shielded 2-conductor cord (5 feet)		
			6100B-01	12	
			6100B-02	12	
			Miniature TRS plug each end, shielded 2-conductor cord (5 feet)		
			6100C-01	12	
			6100C-02	12	
			Miniature TRS plug to standard TRS plug, shielded 2-conductor cord (5 feet)		
			6100D-01	12	
			6100D-02	12	
			Miniature TS plug to single banana plugs, single conductor shielded cord (5 feet)		
			6100E	13	

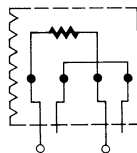
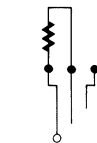
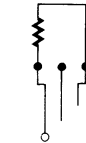
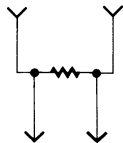
Table 2. Descriptive Index — Plugs, Adapters and Cords (Continued)

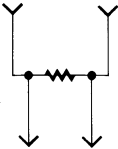
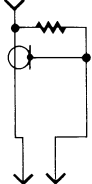
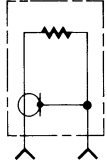
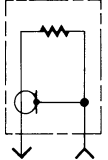
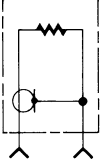
Contents	Number	Page	Contents	Number	Page
Test Cords With Telephone Type Plugs: (Cont'd)			Test Cords With Coaxial Type Plugs: (Cont'd)		
Double miniature TRS both ends (2 feet)	6100G-01	13	Miniature coax plug to male BNC connector (6 feet)	6046A	17
(3 feet)	6100G-02	13	Miniature double coax plug to 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			
(10 feet)	6129A-02	15			
Test Cords With Twin Banana Plugs:			Test Cords With Coaxial Type Connectors:		
Unshielded twin banana plug to alligator clips (6 feet)	647A	16	Male UG-88/U coax connector both ends (6 feet)	648A	14
Unshielded twin banana plug to test prods (6 feet)	651A	16	Male coax N connectors, both ends (6 feet)	661A	14
Unshielded twin banana plug to test prod and clip (6 feet)	651C	16	BNC coax connector to alligator clips (6 feet)	693B	14
Unshielded twin banana plug to coaxial plug (6 feet)	674A	16	Subminiature coax connector, both ends (1.5 feet)	700A	14
Unshielded twin banana plug to small pin prods (6 feet)	674B	16	Subminiature coax connector, both ends; balanced 130-ohm test cord (7 feet)	703A	14
Unshielded twin banana plug to coaxial connector (6 feet)	674C	16	Twin coaxial to twin banana plug (6 feet)	713A	14
Unshielded twin banana plug to twin pin jack plug; shield to banana plug (8.5 feet)	684B	16	BNC to BNC; RG-59/U coax cable (1.5 feet)	721A	14
Unshielded twin banana plug each end (3 feet)	684D	16	(3 feet)	721B	14
Shielded twin banana plug, coaxial cord (1.5 feet)	695A	16	(6 feet)	721C	14
Unshielded twin banana plug to insulated alligator clips (4 feet)	6012A	16	Twin coaxial to twin subminiature (6 feet)	728A	14
Unshielded twin banana plug to small pin prods, standard red and black test lead wire (4 feet)	6014A	16	Subminiature male to male coax connectors; RG-187/U (3 feet)	732A	14
Twin banana plug to twin pin plugs; 75-ohm coax (6 feet)	6046J	17	Subminiature female to female coax connectors; RG-187/U (3 feet)	732B	15
Unshielded twin banana plug to battery clips (30 feet)	05154	17	Subminiature male to female coax connectors; RG-187/U (3 feet)	732C	15
Unshielded twin banana plug to battery clips; shielded lead banana plug to clip (30 feet)	05155	17	Subminiature snap-on female coax connector each end (4 in.)	743A	15
			Female coax connector, both ends; RG-371 (1 foot)	790A	15
			Female coax connector, both ends; RG-371 (10 feet)	790B	15
Test Cords With Coaxial Type Plugs:					
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
Test Cords With Twin Conductor Uhf Type Connectors:			Special Purpose Test Cords and Service Extension Cables (Cont'd)		
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
Special Purpose Test Cords and Service Extension Cables			Test Transformers:		
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 ○	130-ohm terminating plug for double TS jacks.											
616C Plug ○	600-ohm terminating plug for double TS jacks.											
665A Plug ○	130-ohm terminating plug for single TRS jacks.											
665B Plug ○	100-ohm terminating plug for single TRS jacks.											
666A Plug	600-ohm terminating plug for single TRS jacks											
666B Plug ○	900-ohm terminating plug for single TRS jacks.											
6000A-XX Plug (M)	Single miniature TRS terminating plug.	<table><tr><th>XX</th><th>RESIST.</th></tr><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></table>	XX	RESIST.	01	600	02	900	03	135	04	OPEN
XX	RESIST.											
01	600											
02	900											
03	135											
04	OPEN											
668A Plug ○	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 □	75-ohm terminating plug for standard coaxial jacks. Includes a test pin jack.	
676C Plug □	75-ohm terminating plug for standard coaxial jacks	
6046E Plug M	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 ☐	124-ohm terminating plug for double coaxial jack.	
6046F Plug ☒	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 ☐	Looping plug for connecting two telephone coaxial jacks in tandem.	
6046G Plug ☒	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)
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51994-XX Plug ☐	Looping and attenuator plug for connecting two telephone coaxial jacks through an internal dB attenuator.
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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.	

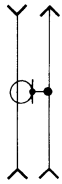
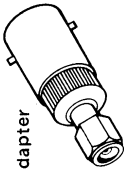
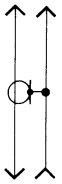
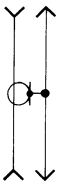
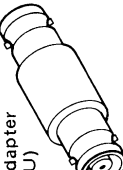
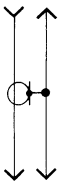
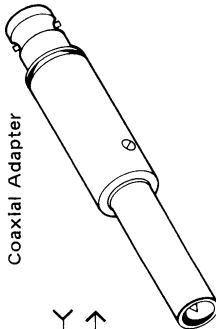
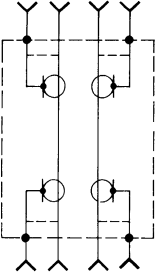
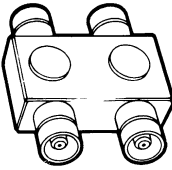
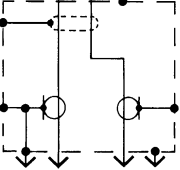
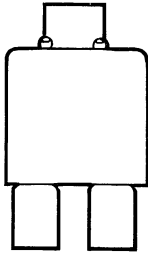
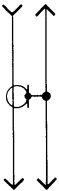
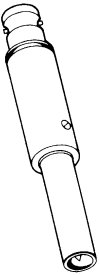
ADAPTERS

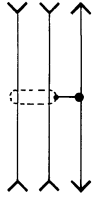
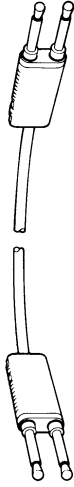
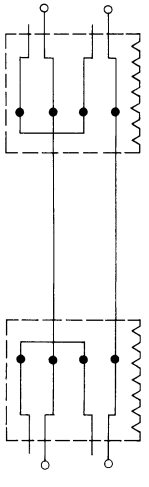
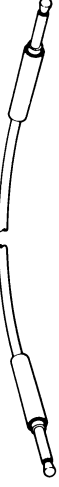
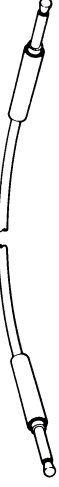
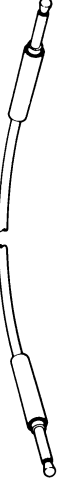
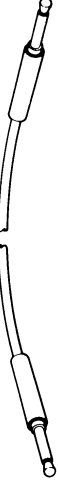
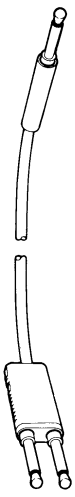
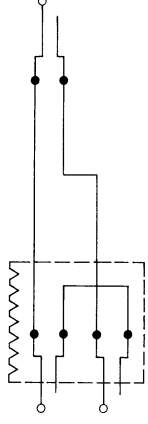
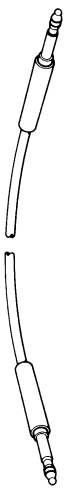
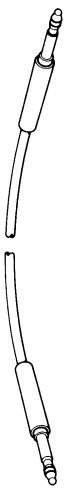
Type	Description	Telephone Type Adapters
6000H-01	Telephone jack adapter for TRS standard to miniature connections.	
6000H-02	Telephone jack adapter for tip-sleeve standard to miniature connections.	
791A Adapter	N Female to SMA male coaxial adapter.	
792A Adapter	N male to SMA male coaxial adapter.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

ADAPTERS (Cont'd)

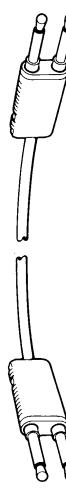
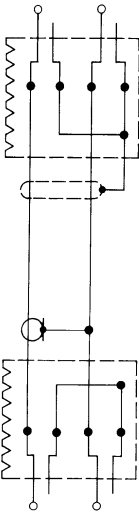
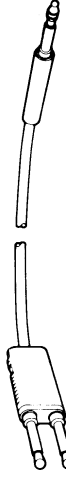
Type	Description	BNC Type Adapters
708A Adapter	Male BNC to banana binding posts type of adapter.	
708B Adapter	Female BNC to male banana plug, type of adapter.	
711A Adapter	Female BNC to subminiature male SMP coaxial adapter.	
717A Adapter	Female BNC to subminiature male coaxial adapter with 75-ohm 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)	

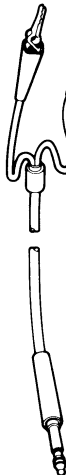
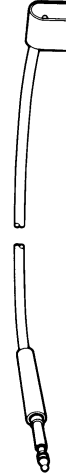
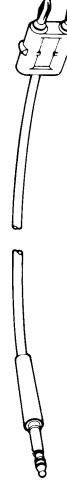
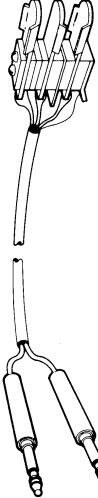
ADAPTERS (Cont'd)

Type	Description	Adapter Kit	
4480 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	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	Same as 613A cord except length is 6 feet.		
621A Cord	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	Same as 621A cord except cord length is 6 feet.		
631A Cord	Same as 621A cord except cord length is 3 feet.		
627A Cord	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	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 Cord ○	Same as 632A cord except cord length is 9 feet.	
632C Cord ○	Same as 632A cord except cord length is 15 feet.	
633A Cord ○	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 Cord ○	Same as 633A cord except length is 15 feet.	
641A Cord ○	Double TS plug at both ends, wired tip to tip and shield to shield with sleeves with cord. Used to patch or test hf carrier frequency circuits. Length is 6 feet.	
646A Cord ○	Double tip-sleeve plug connected to a molded twin banana plug. Cord is 6 feet long.	
646B Cord ○	Same as 646A cord except length is 10 feet	
662A Cord ○	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 Cord ○	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 Cord ○	Single TRS plug to twin banana plugs; shielded. Cord patches test equipment to jackfields. Length is 6 feet.	
699A Cord ○	Single TRS plug to molded twin banana plug; coaxial RG-62/U. Patches test equipment to TRS jack. Length is 6 feet.	
712A Cord ○	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 Cord ○	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 Cord O	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 Cord O	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 Cord O	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 Cord O	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 Cord O	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 Cord (M)	Same as 729A except miniature TRS plug.	

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

XX	LENGTH
01	5 Ft.
02	10 Ft.

XX	LENGTH
01	5 Ft.
02	10 Ft.
03	2 Ft.
04	2.5 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

Description

Type

6100E
Cord
(formerly
6000E)

(M)

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

6100G-XX
Cord
(formerly
6000G)

(M)

Double miniature TRS at both ends. Five conductor shielded cord.

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

6100J
Cord

(M)

Miniature TRS plug to crocodile clips, shielded.

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

6126A-XX
Cord
(formerly
6026A)

(M)

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

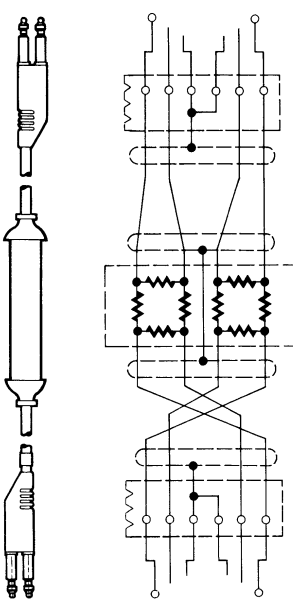
XX	LENGTH
01	6 Ft
02	10 Ft
03	15 Ft

Test Cords With Telephone Type Plugs

Type Description

6127A-XX
Cord
(formerly
6027A)
(M)

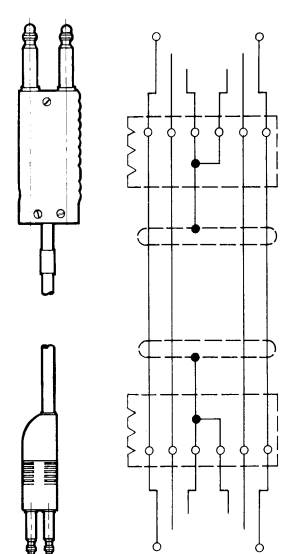
Double miniature TRS plug at both ends. Four conductor, shielded cord with 23 dB attenuator built into center of cord.



XX	LENGTH
01	6 Ft
02	10 Ft
03	15 Ft

6128A-XX
Cord
(formerly
6028A)
(M)

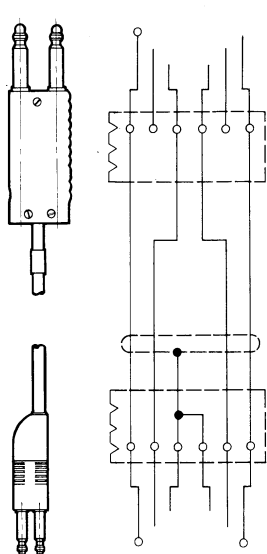
Double miniature TRS plug to double standard TRS plug through four conductor, braided shield cord.



XX	LENGTH
01	6 Ft
02	10 Ft

6128B-XX
Cord
(formerly
6028B)
(M)

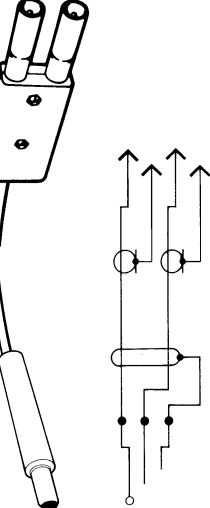
Double miniature TRS plug to double small (.210) TRS plug through four conductor, braided shield cord.



XX	LENGTH
01	6 Ft
02	10 Ft

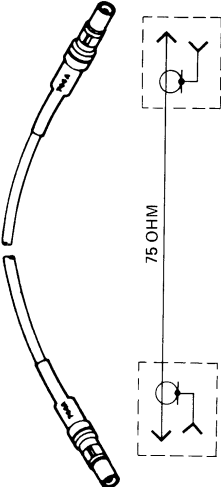
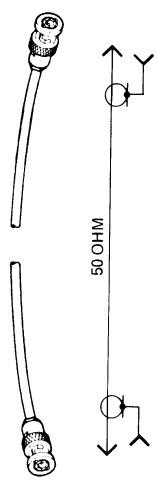
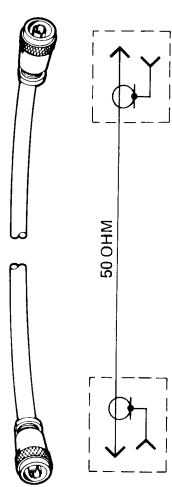
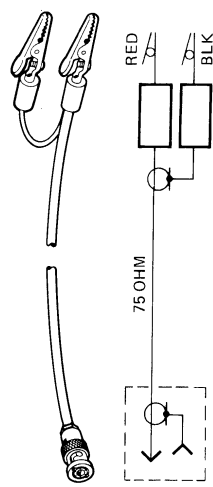
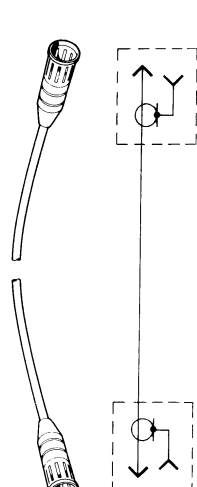
6046L-XX
Cord
(M)

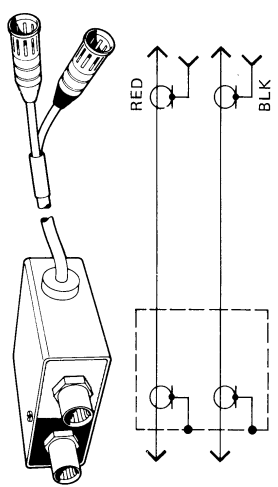
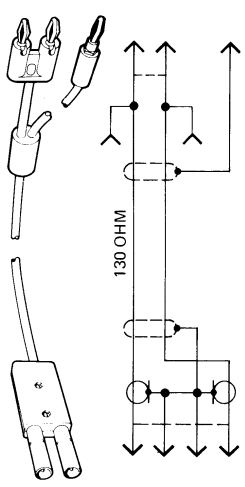
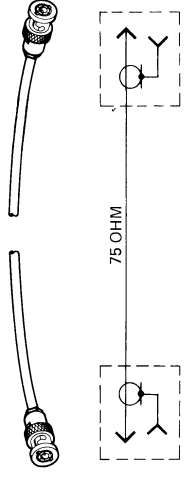
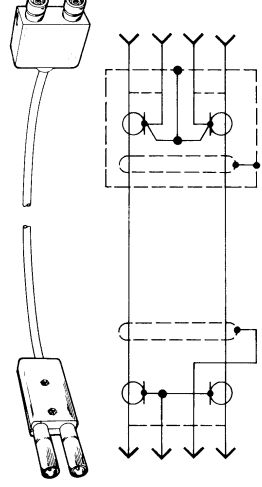
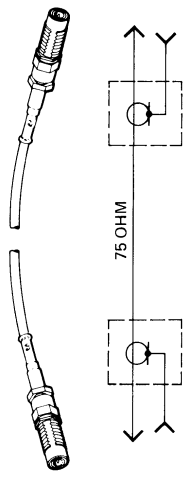
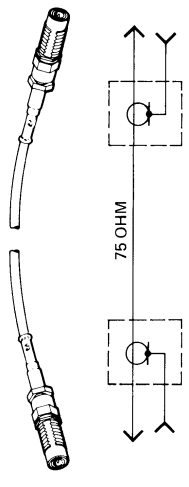
Single miniature TRS plug to standard double male coaxial plug through 124 ohm video cable.



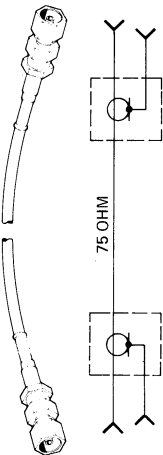
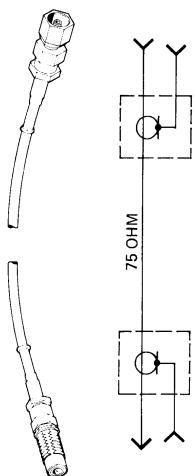
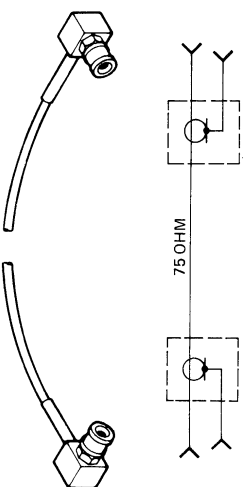
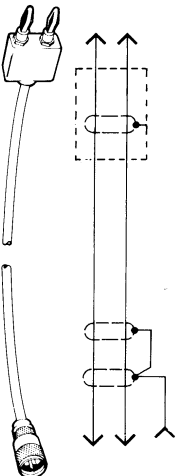
XX	LENGTH
01	6 Ft
02	10 Ft

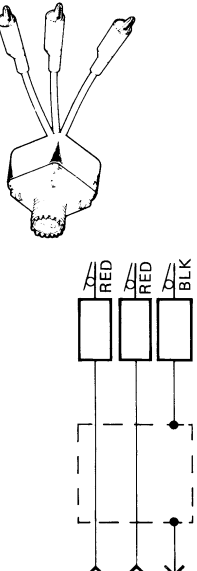
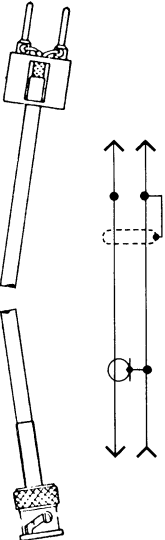
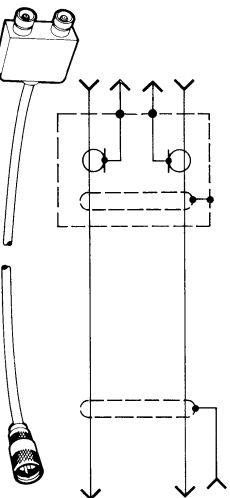
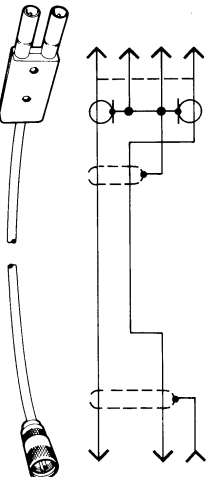
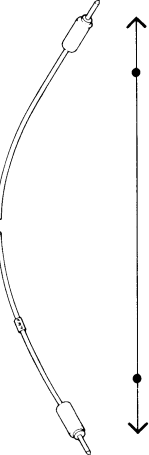
TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

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

Test Cords With Coaxial Connectors	
Type	Description
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 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.	
636A Cord	Single pin red prod at both ends. Used to patch test equipment to pin jack test points. Length is 1 foot.	

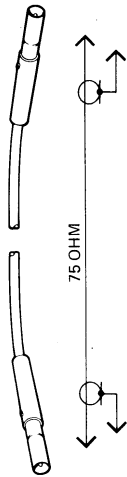
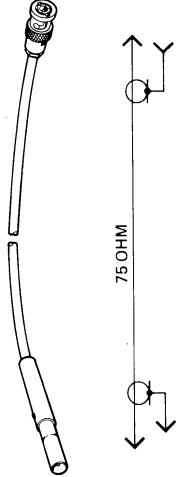
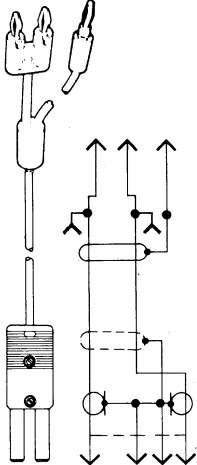
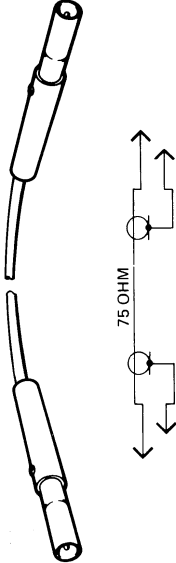
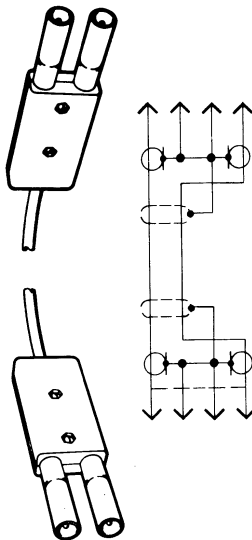
TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

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.							
	<table><tr><th>XX</th><th>LENGTH</th></tr><tr><td>01</td><td>6 Ft</td></tr><tr><td>02</td><td>10 Ft</td></tr></table>	XX	LENGTH	01	6 Ft	02	10 Ft	
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.							

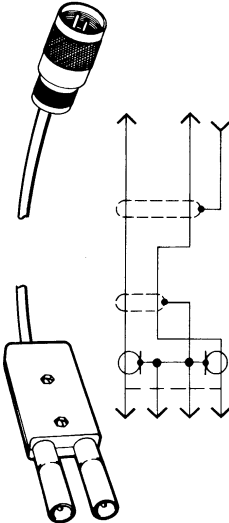
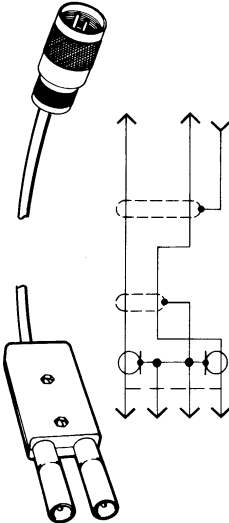
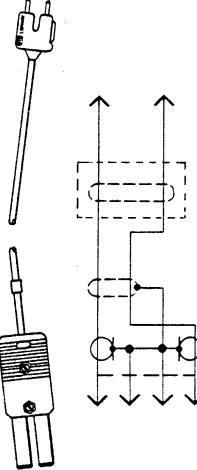
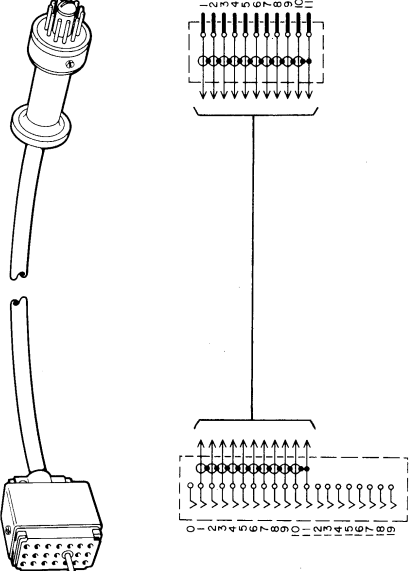
Type	Description	Test Cords With Twin Banana Plugs
674A Cord	Molded twin banana plug to male standard coaxial plug through RG-59/U. Length is 6 feet. Used to patch equipment to hf test equipment.	
674B Cord	Molded twin banana plug to pin prods through coaxial RG-59/U. Patches test equipment to pin jack 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.	

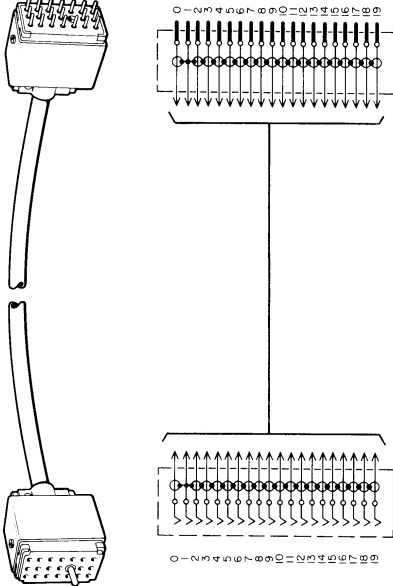
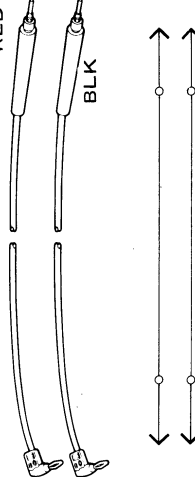
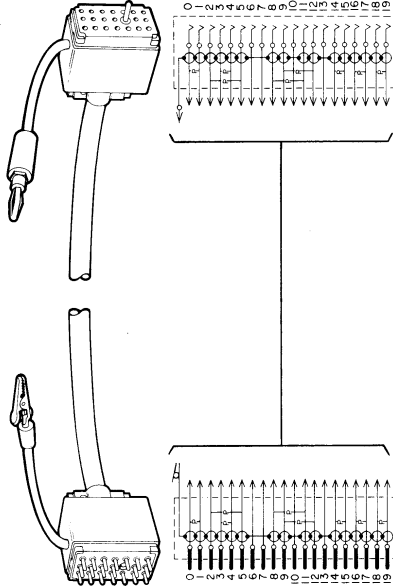
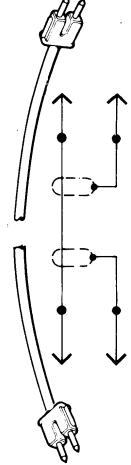
TEST CORDS AND SERVICE EXTENSION CABLES (Cont'd)

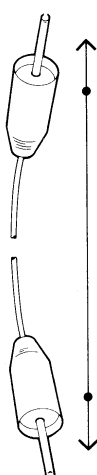
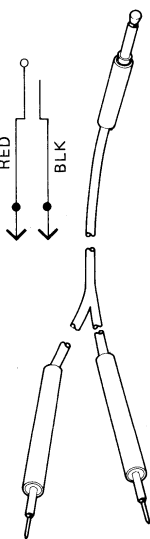
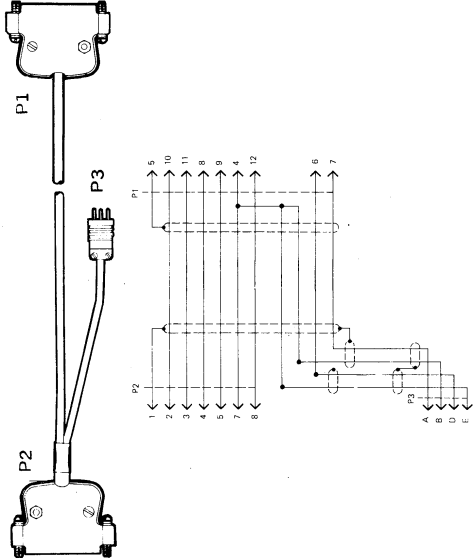
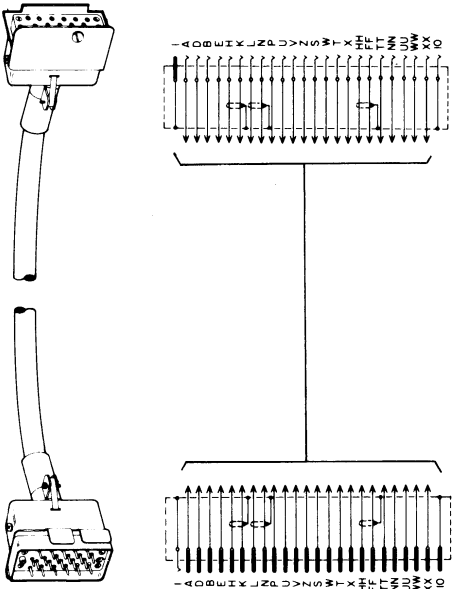
Type	Description	Test Cords With Twin Banana Plugs
6012A Cord	Double banana plug with ridged side connected to red lead of twin prod test wire, terminating with insulated alligator clips. Length is 4 feet.	
6014A Cord	Double banana plug with ridged side connected to red lead of twin test prod wire, terminating 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.	

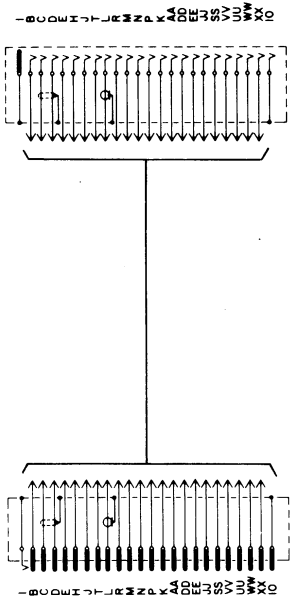
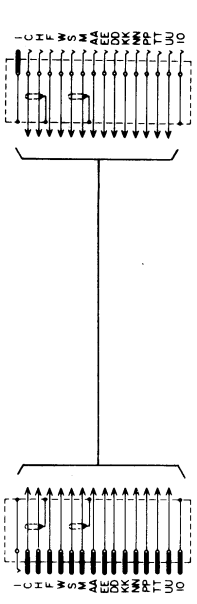
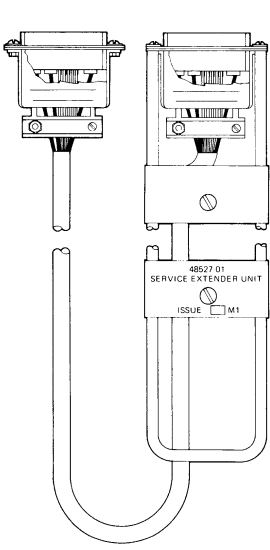
Type	Description	Test Cords With Coaxial Type Plugs																
673A Cord ☐	Male standard coax plugs at both ends of RG-59/U cable. Length is 1 foot. Used to patch or test hf equipment.																	
693A Cord ☐	Male standard coax plug to UG-260/U (BNC) coax connector through RG-59/U cable. Length is 6 feet. Used to patch test equipment to hf equipment.																	
6046A Cord ☐	Miniature coax plug to male BNC connector. Length is 6 feet.																	
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><tr><th>XX</th><th>LENGTH</th></tr><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></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)

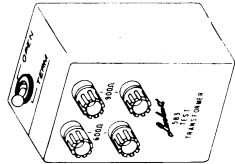
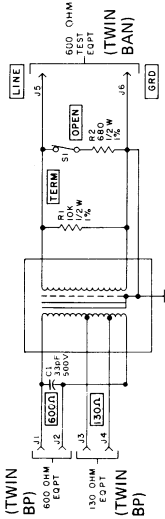
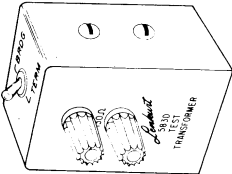
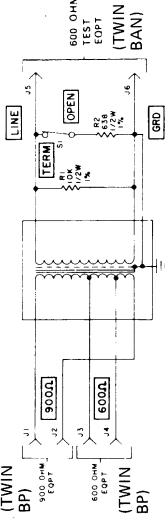
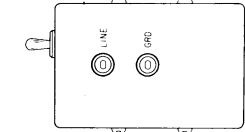
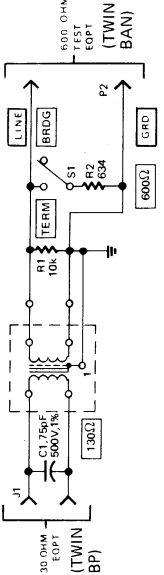
Type	Description	Test Cords With Twin Banana Plugs						
6046K Cord ☐☒ M	Double male standard coaxial plug to double male miniature coaxial plug through 124 ohm video cable.	<table><tr><th>XX</th><th>LENGTH</th></tr><tr><td>01</td><td>6 Ft</td></tr><tr><td>02</td><td>10 Ft</td></tr></table> 	XX	LENGTH	01	6 Ft	02	10 Ft
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.)							

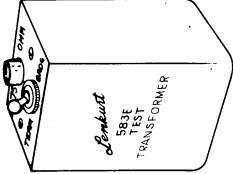
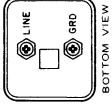
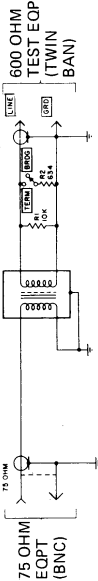
Type	Description	Special Purpose Test Cords And Service Extension Cables
650A Cord	Patch cord; 20-pin male to 20-pin female. Patches test set to hf circuits and extends units from shelf positions for bench testing. Length is 9 feet. (For 45-class eqpt.)	
651B Cord	Banana plug prods to test prods. Used to patch test equipment 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. <table><tr><td>XX</td><td>Color</td></tr><tr><td>01</td><td>Red</td></tr><tr><td>02</td><td>Black</td></tr></table>	XX	Color	01	Red	02	Black	
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 be- tween 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 connection. 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.	 REAR VIEW 
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.	 FRONT VIEW  BOTTOM VIEW 
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.	