

JOB PLANNING FOR
 COAXIAL CABLE CONNECTIONS

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1. GENERAL

1.1 Scope of Section

1.11 This section is intended as an aid to the job supervisor or in charge man in planning for the making of coaxial cable connections on an installation.

1.12 It will cover what drawings, handbook sections, tools, material and aids are available for doing this work operation.

2. DRAWINGS

2.1 For reference to drawings to follow when making coaxial connections see:

- ED-92524-10
- ED-92524-12
- ED-92524-13
- ED-92524-14
- ED-92524-15
- ED-92524-16
- ED-92524-17
- ED-92524-18
- ED-92524-19
- ED-92524-19

3. HANDBOOK SECTIONS

3.1 In general Installation Engineering Handbook 9 the 700 series of sections covers the methods for making coaxial connections.

3.2 CONTENTS:

SECTION DESCRIPTION

- 700 BASIC INFORMATION
- 710 FORMING & SEWING
- 720 PREPARATION - COMMON REQUIREMENTS
- 730 PREPARATION FOR TERMINATIONS USING TOOL R-3186
- 730A PREPARATION FOR TERMINATION USING NEW R-4877 TOOL
- 731 GROUNDING 253AS, 266AS, and 270AS SHIELDED CABLES
- 732 TERMINATION FOR KS-20864, L3-L4 90 DEGREE CONN.
- 733 DSX-3 CROSS CONN BAY ED2C666-10
- 740 SOLDERLESS SHIELD CONNECTIONS
- 749 219 CONNECTORS
- 749V VERIFICATION OF 219 TYPES
- 750 SPLICING - GENERAL REQUIREMENTS

SECTION DESCRIPTION

- 751 SPLICING COAX CABLE USING 807 TYPE CONN.
- 760 GENERAL CONNECTING INFORMATION
- 761 FIELD CHANGE OF 19D PADS
- 770 CONNECTING AT COAXIAL TYPE CONNECTORS, JACKS, PLUGS & TERMINALS

4. TOOLS

<u>QTY</u>	<u>ORDERING NO.</u>	<u>CODE</u>	<u>DESCRIPTION</u>
1-	12408101	R-4081	CRIMPING TOOL (DETAIL 1 ONLY)
1-	12408102	R-4081	DETAIL 2 DIE SEE CHART PAGE 2
1-	12408103	R-4081	DETAIL 3 DIE SEE CHART PAGE 2
1	12408104	R-4081	DETAIL 4 DIE SEE CHART PAGE 2
1-	12408105	R-4081	DETAIL 5 DIE SEE CHART PAGE 2
1-	12408106	R-4081	DETAIL 6 DIE SEE CHART PAGE 2
1-	12408107	R-4081	DETAIL 7 DIE SEE CHART PAGE 2
1-	12408108	R-4081	DETAIL 8 DIE SEE CHART PAGE 2
1-	12408109	R-4081	DETAIL 9 WOODEN CASE FOR R-4081
1-	12408110	R-4081	DETAIL 10 SHIPPING CASE FOR R-4081
1-	12408113	R-4081	DETAIL 13 DIE SEE CHART PAGE 2
1-	50318600	R-3186	STRIPPING SET, COAXIAL CABLE
1-	83318607		DET 7 LABEL FOR R-3186 SET
1-	13318700	R-3187	SHIPPING CASE FOR R-3186 SET
1	12345700	R-3457	STRIPPER, SHIELDED CABLE & WIRE
1-	13345704		DET 4 FOR R-3457
1-	12412101	R-4121	SOLDERING, STATION
1-	12271900	R-2719	HOLDER, SOLDERING COPPER
2-	13278300	R-2783	FIXTURE, HOLDING, COAXIAL CABLE
1-	23426900	R-4269	POCKET CHART "CO-AXIAL SKINNING & CRIMPING"
1-	RM-728226		SOLDER
1-	23335900	R-3359	TAPE, GRAY PLASTIC 1/2"

<u>QTY</u>	<u>ORDERING NO.</u>	<u>CODE</u>	<u>DESCRIPTION</u>
1-	62016800		TOOL KIT, 168
1-	13487700	R-4877	COAX STRIPPER
1-	13821000	R-8210	SCREWDRIVER, LIGHT DUTY STANDARD
1-	12855000	R-8550	SCALE, 6"
1-	13168200	R-1682	ELECTRICIAN'S SCISSORS 5"

- a) A training film in seven sections which shows the techniques and requirements of preparing and terminating coaxial cables.
- b) Work assignments at the end of each section of the film give training in obtaining information from handbook sections and ED drawings. This information is used in adjusting stripping and crimping tools and in preparing and terminating coaxial cables.

5. TRAINING

5.1 Course No. 301, "PREPARATION AND TERMINATION OF COAXIAL CABLES" is available from the regional training organization. The course consists of:

<u>R-4081 TOOL DETAIL NO.</u>	<u>DIE NEST IDENTIFICATION NO.</u>	<u>INSTALL T&B GSC---</u>	<u>INSTALL T&B GSR---</u>
	18	GSC-405-GSC-415	GSR-327,348,359
(R4081-D2)	02	GSC-156	-----
	16	GSC-327	-----
(R4081-D3)	10	GSC-232	GSR-187,194,199
	14	GSC-281,287,297	GSR-261
(R4081-D4)	12	GSC-275	GSR-232
	22	GSC-375	GSR-312
(R4081-D5)	06	GSC-194,199,187	GSR-156
	11	GSC-261	GSR-205,219,225
(R4081-D6)	09	GSC-225	-----
	00	GSC-128	GSR-101
(R4081-D7)	01	GSC-149	GSR-128
	03	GSC-175	GSR-149
(R4081-D8)	08	GSC-205,219	GSR-175
OPTIONAL (R4081-D13)	--	GSB-375	GSR-460

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