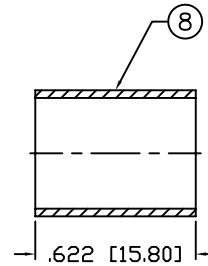
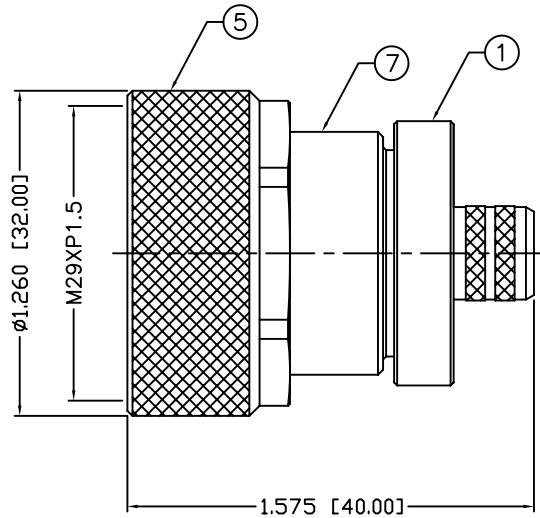


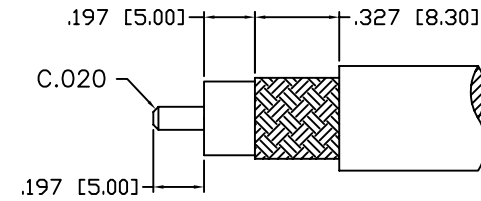
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.		<b>RFD-1604-2I</b>		
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	8/22/00	JDMc



RECOMMENDED CRIMP DIE .429"



RECOMMENDED STRIPPING DIMENSIONS

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-7.5 GHz  
 PEAK POWER: 13.2 Kw max.  
 AVERAGE POWER: 3.0 Kw max.  
 TEMPERATURE RANGE: -55°C TO 165°C  
 FOR BELDEN 8214, 9913, 9913F, 9914,  
 RG-8/U TYPE, LMR-400 CABLE

1	FERULE STUD	1	BRASS	SILVER, 120μ"	008974	
2	INSULATOR	1	PTFE	---		
3	PIN	1	Be.Cu.	SILVER, 200μ"		
4	GASKET	1	SILICONE	---		
5	SHELL	1	BRASS	SILVER, 120μ"		
6	GASKET	1	SILICONE	---		
7	BODY	1	BRASS	SILVER, 120μ"		
8	FERRULE	1	BRASS	SILVER, 120μ"		
9						
10					DRAWN	
11					C. ZUNIGA	
12					CHECKED	
13						
14					ORJ DRAWN	
					C. ZUNIGA	
#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE

UNLESS OTHERWISE SPECIFIED:  
 1. REMOVE ALL BURRS  
 2. BREAK ALL CORNERS & EDGES .005 R. MAX.  
 3. CHAMFER 1ST & LAST THREADS 45°  
 4. SURFACE ROUGHNESS 63 FINISH MIL-STD-10  
 5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.  
 6. ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS	DIAMETER
.xxx±.003 [.08]	.xxx±.001 [.03]
.xx±.005 [.13]	.xx±.003 [.08]

**RF connectors**  
 DIVISION OF RF INDUSTRIES, LTD.

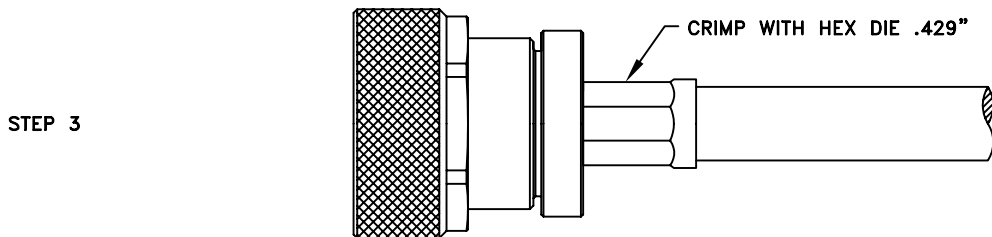
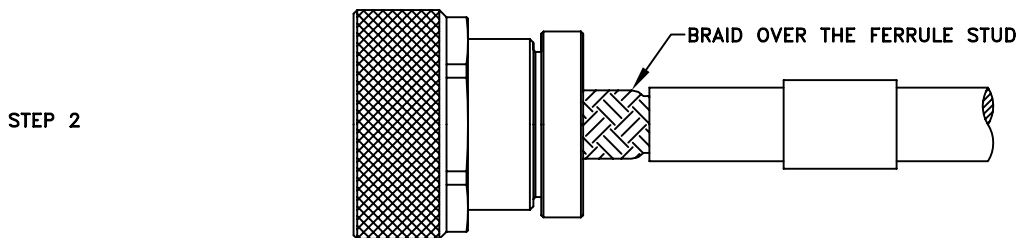
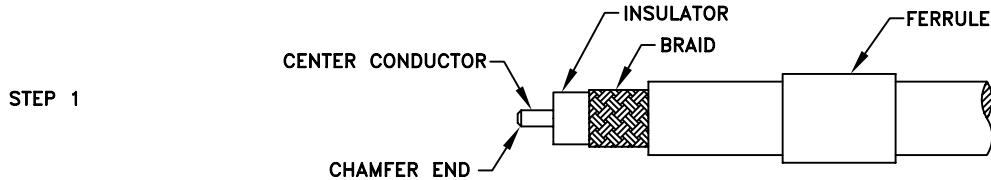
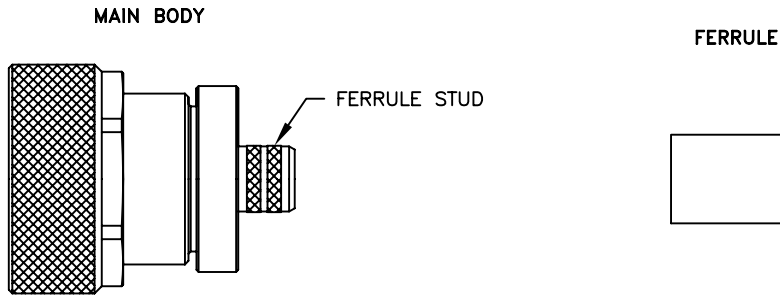
7610 MIRAMAR RD  
 SAN DIEGO, CA 92126  
 (858) 549-6340  
 (858) 549-6345 FAX

**7-16 DIN PLUG, CRIMP**

SIZE	CABLE GROUP	DWG NO.	REV
A	I	RFD-1604-2I	-
SCALE:	NTS	CAD FILE	OUTLINE
SHEET 1 OF 1			

# CABLE ASSEMBLY INSTRUCTIONS

RFD-1604-2I



Step 1: Cut end of cable evenly. Strip cable to dimensions shown in catalog or on outline drawing. All cuts are to be clean and square. Do not nick braid or center conductor when cutting. Chamfer end with a file to break sharp corner smooth for entry into rear contact. Slide ferrule over cable. If using strain relief or heat shrink tubing slide onto cable first.

Step 2: Slide ferrule stud under braid, while inserting the cable into the rear body inside the ferrule stud mating center conductor inside the captive rear socket contact.

Step 3: Slide the ferrule over the braid until it yields against the back of the connector. Crimp the ferrule in place using a crimp tool as specified on connector drawing. Trim extra any braid extending out of ferrule end.

RFD-1604-2I AP.DWG

*RF CONNECTORS*

11/16/10

7610 Miramar Road, San Diego, CA 92126-4202 - (858) 549-6340  
(800) 233-1728 - Fax (858) 549-6345 E-mail: rfi@rfindustries.com - www.rfindustries.com

CZ