

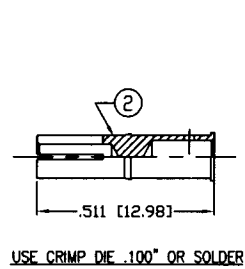
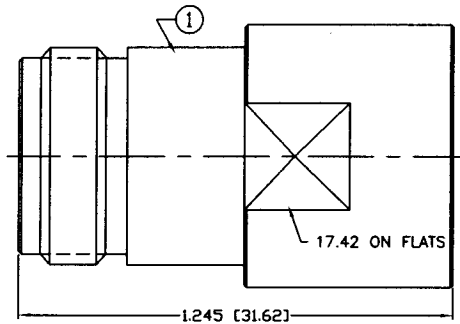
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES.
 ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED
 WITHOUT WRITTEN PERMISSION FROM RF INDUSTRIES.
 ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS.

ALL DIMENSIONS ARE REFERENCE ONLY

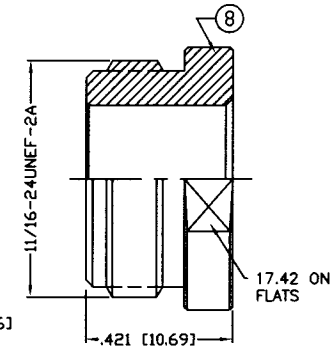
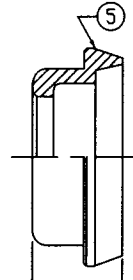
PART NO.

RFN-1024-1

REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	CZS	6/26/98	R. RICE
B	UPDATE DWG. DIMS & SPECS / CHG. DWG. # FROM 7582	GGG	8/8/03	JDMc

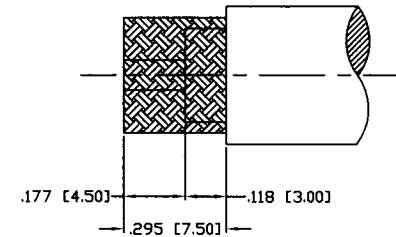


.258 [6.55]



SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-11 GHz
 VSWR: 1.3 Max.
 INSERTION LOSS: .06 dB Max. X \sqrt{f} GHz
 WORKING VOLTAGE: 1k V rms @ sea level
 TEMPERATURE RANGE: -65°C TO 85°C
 INSULATION RESISTANCE: 5k M Ohms min.
 FOR RG-213 CABLE



RECOMMENDED STRIPPING DIMENSIONS

1	BODY	1	BRASS	SILVER, 80 μ "	000486	
2	INSULATOR	1	PTFE	---		
3	PRESS BODY	1	BRASS	SILVER, 80 μ "		
4	CONTACT	1	PHOS BRONZE	GOLD, 3 μ "		
5	CLAMP	1	BRASS	SILVER, 80 μ "		
6	GASKET	1	SILICONE	---		
7	WASHER	1	BRASS	SILVER, 80 μ "		
8	HEX CLAMP	1	BRASS	SILVER, 80 μ "		
9						
10						
11						
12						
13						
14						
#	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

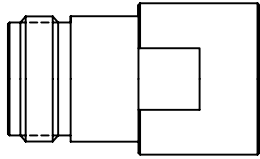
N JACK CLAMP

SIZE	CABLE GROUP	DWG NO.	REV
A	E	RFN-1024-1	B
SCALE:	NTS	CAD FILE	OUTLINE
SHEET 1 OF 1			

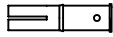
CABLE ASSEMBLY INSTRUCTIONS

RFN-1024-1

BODY



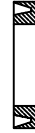
CONTACT



CLAMP



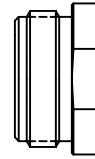
GASKET



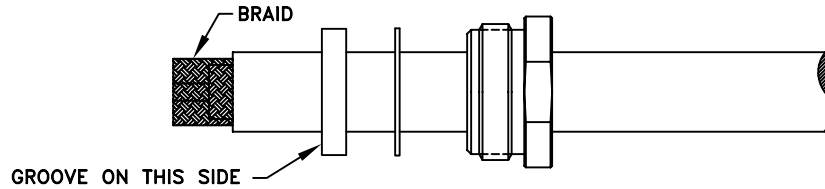
WASHER



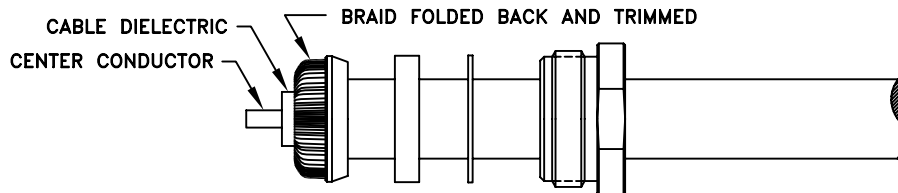
BACK NUT



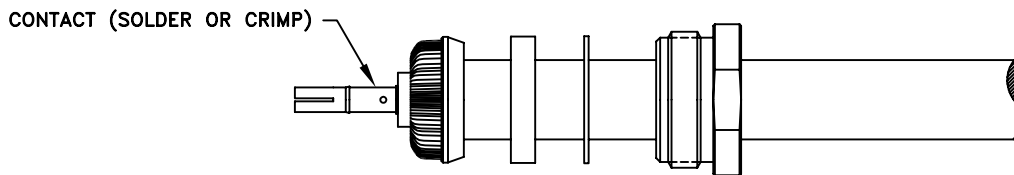
STEP 1



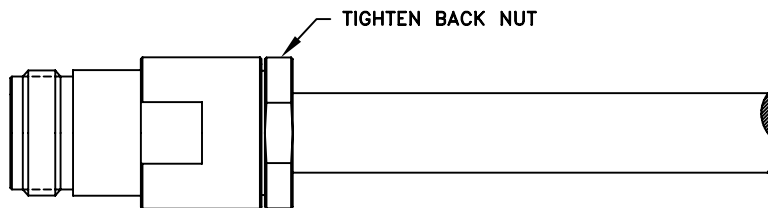
STEP 2



STEP 3



STEP 4



Step 1: Cut end of cable evenly. Strip cable to dimensions shown on outline drawing. All cuts are to be clean and square. Do not nick braid, dielectric or center conductor. Slide back nut, washer and gasket onto cable. Braid must be combed for assembly of clamp.

Step 2: Place the clamp over braid and push clamp back against cable jacket. Fold back braid wire and form over the clamp evenly. Trim extra braid if needed.

Step 3: Slide contact onto center conductor until it yields against the cable dielectric. Pre tin cable conductor if using stranded cable (optional). Solder or crimp contact in place. If soldering use minimum amount of heat.

Step 4: Properly seat groove of gasket onto clamp. Insert contact, cable and hardware into the body. Tighten back nut while holding body stationary.

RFN-1024-1 AP.DWG

RF CONNECTORS

05/04/06

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