



150 Dodd Street SE
Marietta, GA. 30060

Phone: 770-973-6251
Fax: 678-401-3854
Cage Code: 7JZZ8

Email: info@mgs4u.com
Website: www.mgs4u.com

HN female to HN male Right Angle Adapter



Technical Data Sheet

This HN female to HN male right angle adapter is one of several thousand RF products available from Max-Gain Systems, Inc. This adapter is a between series coaxial adapter.

This adapter is made from a Solid Brass body that is precision machined and plated with Nickel for superior performance and value. This HN female to HN male right angle adapter has a PTFE dielectric and a gold plated phosphor bronze center pin. The HN male provides a threaded reliable connection for use at higher frequencies. The HN female side provides a jack and threaded connection used in applications where a secure connection is needed.

Material Specifications

HN female to HN male Right Angle Adapter

Part Number 8337-RA

Description	Material	Plating
Washer	Brass	Nickel
Center Pin	Phosphor Bronze	Gold (3u")
Insulator	PTFE	White
Insulator	PTFE	White
Body	Brass	Nickel
Center Pin	Brass	Gold (3u")
Body	Brass	Nickel
Holding Ring	Phosphor Bronze	
Gasket	Silicone	Red
Shell	Brass	Nickel
Inner Contact	Brass	Nickel

Interface Specifications

Type	Spec
Military	MIL-STD-348A
Military	MIL-C-3643

Mechanical Specifications

Size	Dimension
Length	1.64 in (41.7 mm)
Width	0.868 in (22 mm)
Height	1.47 in (37.3 mm)
Weight	3.1 oz (86 g)

Electrical Specifications

Criteria	Dimension
Impedance (Nominal)	50 Ohms
Frequency Range	DC to 4 GHz
VSWR	1.4:1
Dielectric Withstanding Voltage	5,000
Working Voltage	1,500

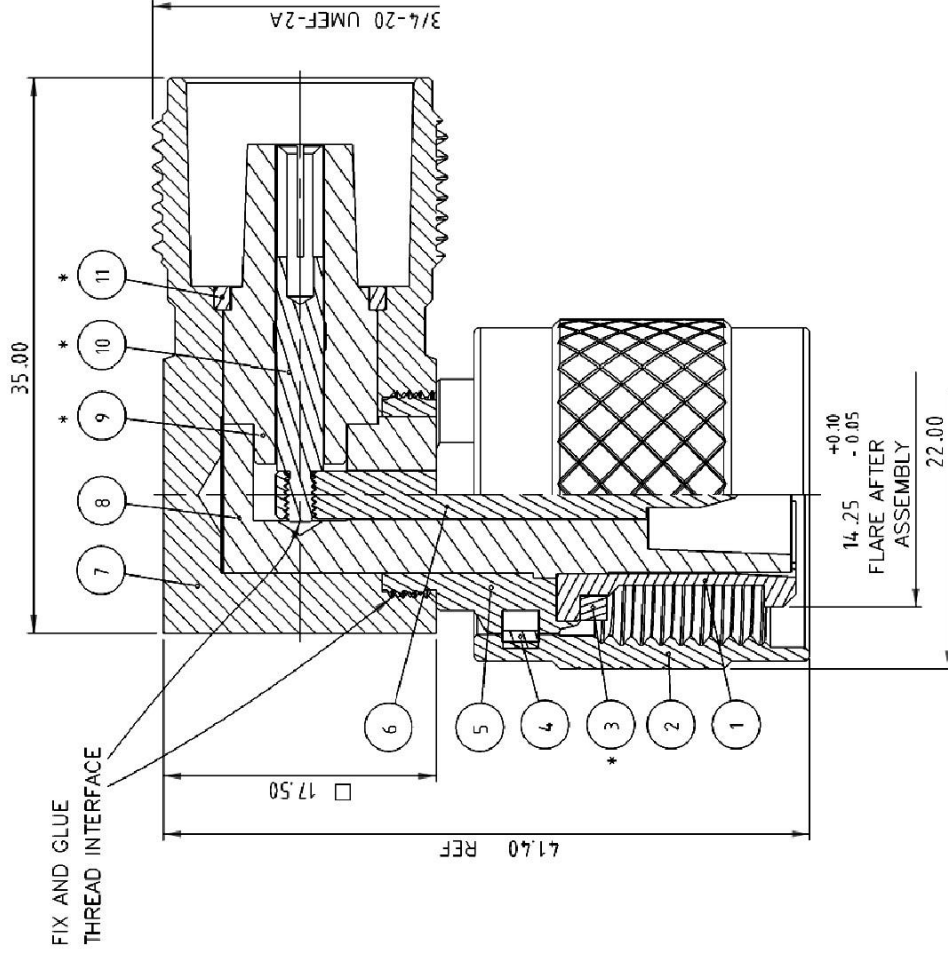
Environmental Specifications

Temperature	Spec
Operating Range	-65 to +165 deg C

Compliance Certifications (see product page for current documentation)

Availability Click the following link (or enter part number in the “SEARCH” bar at the top of any page of the website) to obtain additional part information including price, inventory and certifications: <https://mgs4u.com/product/hn-female-to-hn-male-right-angle-adapter/>

Impedance (Nominal)	50 Ohms
Frequency Range	DC to 4Ghz
VSWR	1.4:1
Working Voltage	1,500



MGS MAX-GAIN SYSTEMS, INC.

Max-Gain Systems, Inc.
150 Dodd Street SE, Marietta, GA. 30060
Phone: (770) 973-6251 | Fax: (678) 401-3854
Website: www.mgs4u.com | E-Mail: sales@mgs4u.com

TITLE: HN female to HN male
Right Angle Adapter

DRAWING NO: 8337-RA

CAGE CODE: 7JZZ8

11	WASHER	BRASS	NICKEL
10	CENTER PIN	PHOSPHOR BRONZE	GOLD(3u")
9	INSULATOR	PTFE	WHITE
8	INSULATOR	PTFE	WHITE
7	BODY	BRASS	NICKEL
6	CENTER PIN	BRASS	GOLD(3u")
5	BODY	BRASS	NICKEL
4	HOLDING RING	PHOSPHOR BRONZE	
3	GASKET	SILICONE	RED
2	SHELL	BRASS	NICKEL
1	INNER CONTACT	BRASS	NICKEL
NO.	DESCRIPTION	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED TOLERANCES	PART NO	DATE
0.5-5 = ±0.2	APPROVED	DATE
5-30 = ±0.4	CHECKED	DATE
30-120 = ±0.6	DRAWN	DATE
120-315 = ±1		
315-1000 = ±1.6		
1000-2000 = ±2.4		
UNIT: mm		
SCALE: .		