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HN male to Type N female Adapter



### Technical Data Sheet

This HN male to Type N female 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 male to Type N female 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 Type N female side provides a jack and threaded connection used in applications where a secure connection is needed.

### Material Specifications

HN male to Type N female Adapter

Part Number 8321

Description	Material	Plating
Inner Contact	Brass	Nickel
Shell	Brass	Nickel
Insulator	PTFE	White
Gasket	Silicone	Red
Holding Ring	Phosphor Bronze	
Pin	Phosphor Bronze	Gold
Insulator	PTFE	White
Body	Brass	Nickel

## Mechanical Specifications

Size	Dimension
Length	1.58 in (40.1 mm)
Width	0.868 in (22 mm)
Height	0.868 in (22 mm)
Weight	2 oz (58 g)

## Electrical Specifications

Criteria	Dimension
Impedance (Nominal)	50 Ohms
Frequency Range	DC to 10 GHz
Working Voltage	1,000

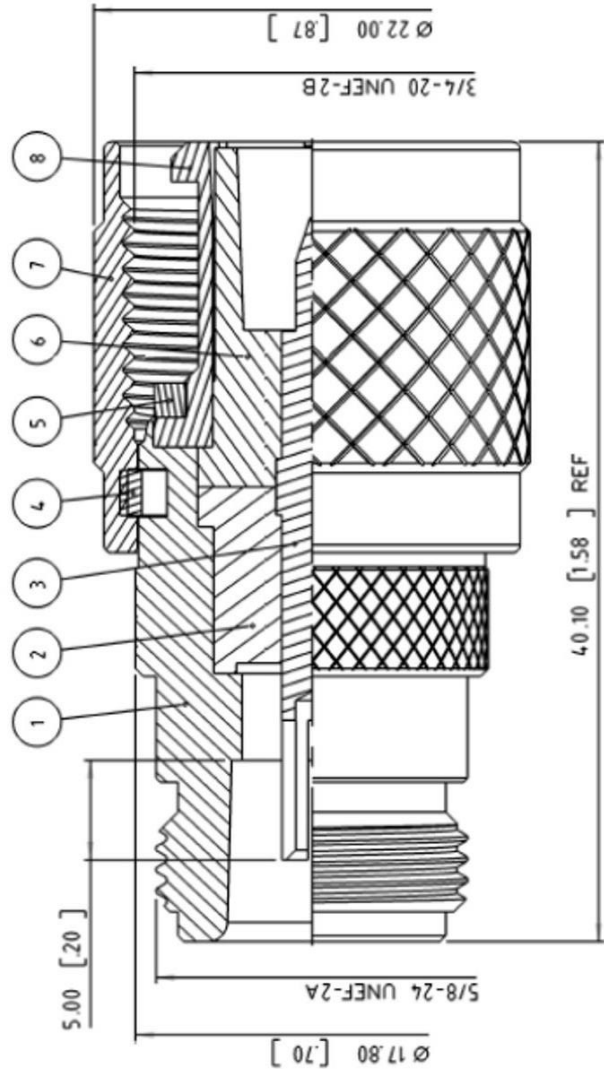
## Environmental Specifications

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-male-to-type-n-female-adapter/>

Working Voltage	1,000
Frequency Range	DC to 10 GHz
Impedance	50 Ohms



# MGS MAX-GAIN SYSTEMS, INC.

Max-Gain Systems, Inc.  
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TITLE: HN male to Type N female Adapter

DRAWING NO: 8321

CAGE CODE: 7JZZ8

NO.	DESCRIPTION	MATERIAL	QTY	FINISH	UNIT: mm	SCALE: -	PART NO	DATE
8	INNER CONTACT	BRASS	1	NICKEL				
7	SHELL	BRASS	1	NICKEL				
6	INSULATOR	TEFLON	1	WHITE				
5	GASKET	SILICONE	1	RED				
4	HOLDING RING	PHOSPHOR BRONZE	1					
3	PIN	PHOSPHOR BRONZE	1	GOLD				
2	INSULATOR	TEFLON	1	WHITE				
1	BODY	BRASS	1	NICKEL				
UNLESS OTHERWISE SPECIFIED TOLERANCES								
0.5-5	±0.2							
5-30	±0.4							
30-120	±0.6							
120-315	±1.0							
315-1000	±1.6							
1000-2000	±2.4							
APPROVED	DATE							
CHECKED	DATE							
DRAWN	DATE							