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HN male to BNC female Adapter



Technical Data Sheet

This HN male to BNC 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 BNC 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 BNC female side provides tabs or “bayonets” for quick and reliable connections and disconnections.

Material Specifications

HN male to BNC female Adapter

Part Number 8319

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	1.50 in (38.1 mm)
Width	0.868 in (22 mm)
Height	0.868 in (22 mm)
Weight	1.7 oz (48 g)

Electrical Specifications

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

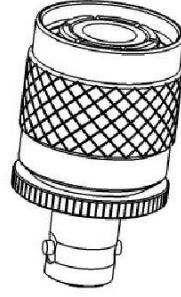
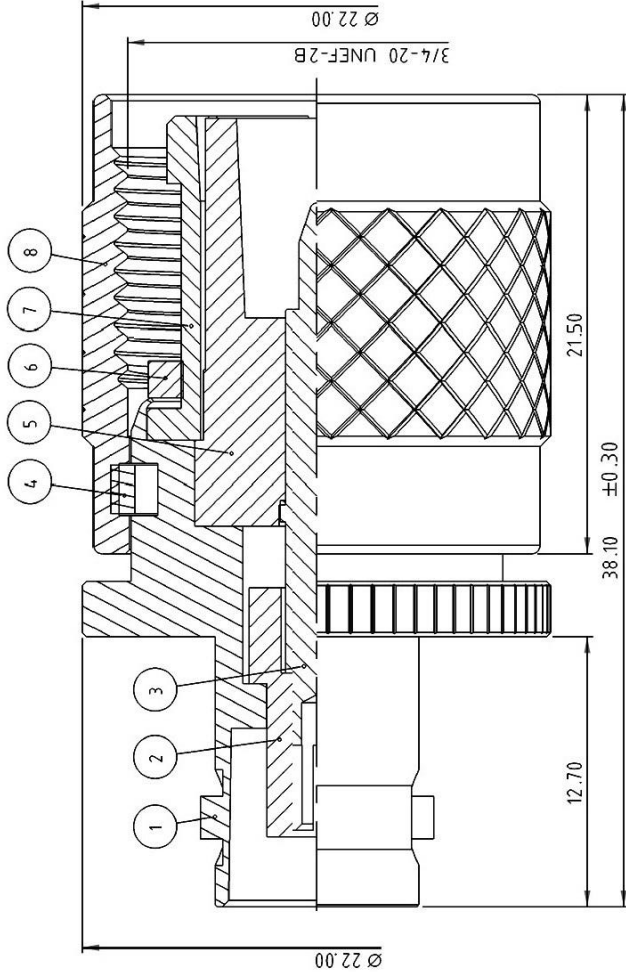
Environmental Specifications

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-male-to-bnc-female-adapter/>

Working Voltage	500
Dielectric Withstanding Voltage	1,500
Frequency Range	DC to 4 GHz
Max VSWR	1.5:1
Impedence	50 Ohms



MGS MAX-GAIN SYSTEMS, INC.

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TITLE: HN male to BNC female Adapter

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

DRAWING NO: 8319

CAGE CODE: 7JZZ8