MAX-GAIN SYSTEMS, INC.

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Type N male to Type N male Adapter

Technical Data Sheet

This Type N male to Type N female adapter is one of several thousand RF products available from Max-Gain Systems, Inc. This adapter is an in-series coaxial adapter.

This adapter is made from a Solid Brass body that is machined and plated with Nickel for superior performance and value. This Type N male to Type N male adapter has a Teflon dielectric and a gold plated brass center pin. The Type N male to Type N male adapter contains a gasket, for shock- / vibration- resistant and waterproof connections.

Material Specifications

Type N male to Type N male Adapter **Part Number 7321**

Description	Material	Plating
Shell	**Brass**	**Nickle**
Insulator	**PTFE**	**-**
Gasket	**Silicone**	**-**
Holding Ring	**Phosphor Bronze**	**Nickle**
Pin	**Phosphor Bronze**	**Gold**
Insulator	**PTFE**	**-**
Body	**Brass**	**Nickle**

Mechanical Specifications

Size	Dimension
Length	**1.46 in (37 mm)**
Width	**0.79 in (20 mm)**
Height	**0.79 in (20 mm)**
Weight	**1.7 oz (48 g)**

Electrical Specifications

Description	Spec	Units
Operating Voltage (AC)	**500**	**Vrms**
Dielectric Withstanding V(AC)	**1,500**	**Vrms**
Impedance (Nominal)	**50**	**Ohms**
Frequency Range	**DC to 11**	**GHz**
VSWR	**1.3:1**	

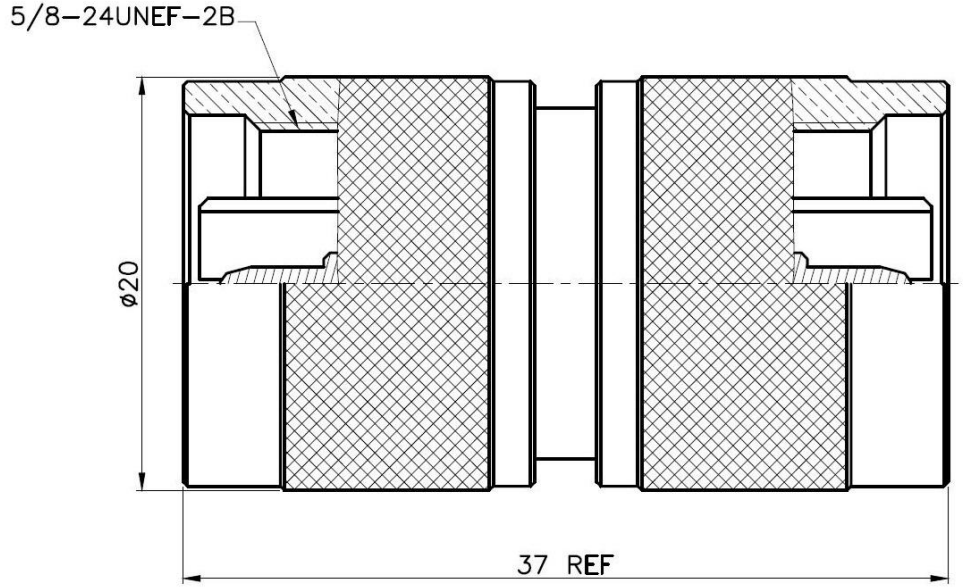
Environmental Specifications

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/type-n-male-to-type-n-male-adapter-better-7321/

VSWR	1.3:1
Frequency Range	DC to 11 GHz
Impedence	50 Ohms



NO.	DESCRIPTION	MATERIAL	FINISH	QTY
				1
7	SHELL	BRASS	NICKLE	1
6	INSULATOR	TEFLON	WHITE	1
5	GASKET	SILICONE	RED	1
4	HOLDING RING	PHOSPHOR BRONZE		1
3	PIN	PHOSPHOR BRONZE	GOLD	1
2	INSULATOR	TEFLON	WHITE	1
1	BODY	BRASS	NICKLE	1

UNLESS OTHERWISE SPECIFIED TOLERANCES
0.5–5 = ±0.2
5–30 = ±0.4
30–120 = ±0.6
120–315 = ±1
315–1000 = ±1.6
1000–2000 = ±2.4

UNIT: mm

SCALE: .

PART NO DATE

APPROVED DATE

CHECKED DATE

DRAWN DATE

MGS MAX-GAIN SYSTEMS, INC.

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TITLE: Type N male to Type N male Adapter

DRAWING NO: 7321

CAGE CODE: 7JZZ8