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 Silver 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-TGS**

| Description | Material | Plating |
|---|---|---|
| Shell | **Brass** | **Silver** |
| Insulator | **PTFE** | **White** |
| Gasket | **Silicone** | **Red** |
| Holding Ring | **Phosphor Bronze** | **-** |
| Pin | **Phosphor Bronze** | **Gold** |
| Insulator | **PTFE** | **White** |
| Body | **Brass** | **Silver** |

## 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** | |

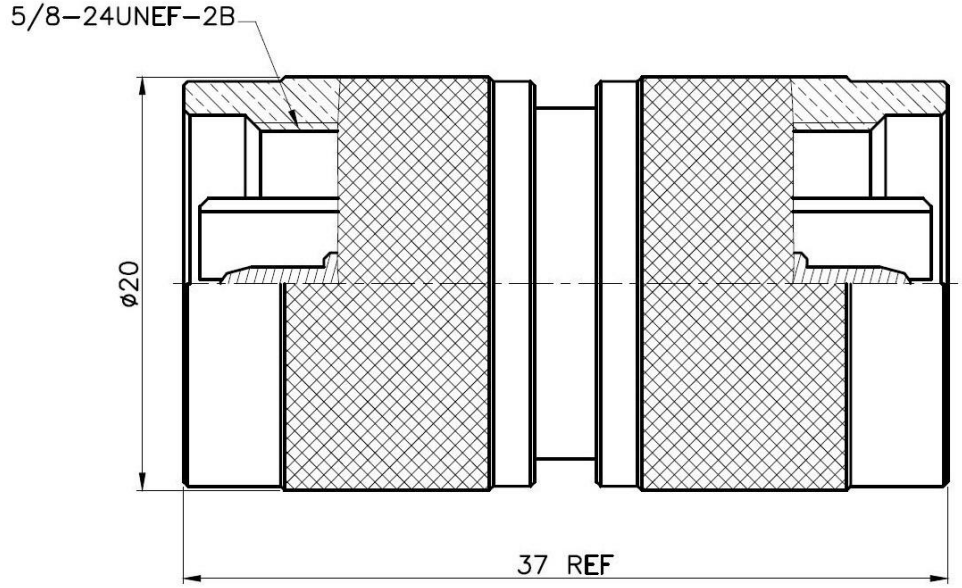
## Environmental Specifications

| 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-best-7321-tgs/

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




| NO. | DESCRIPTION | MATERIAL | FINISH | QTY |
|---|---|---|---|---|
| | | | | 1 |
| 7 | SHELL | BRASS | SILVER | 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 | SILVER | 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

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DRAWING NO: 7321-TGS

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