



150 Dodd Street SE  
Marietta, GA. 30060

**Phone:** 770-973-6251  
**Fax:** 678-401-3854

**Email:** [info@mgs4u.com](mailto:info@mgs4u.com)  
**Website:** [www.mgs4u.com](http://www.mgs4u.com)

RP-SMA male to TNC female Adapter



### Technical Data Sheet

This RP-SMA male to TNC female Adapter 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 RP-SMA male to TNC female Adapter adapter has a PTFE dielectric and a gold plated brass center pin. The RP-SMA male side provides the same threads as an SMA male and pins that are normally found in SMA female connections; RP-SMA connections are popular in Wi-Fi, WiMAX, and other computer applications. The TNC female side provides a threaded connection very similar to a BNC connection, substituting the bayonets for threads.

### Material Specifications

**RP-SMA male to TNC female Adapter** **Part Number 8899**

Description	Material	Plating
Pin	Brass	Gold
Insulator	Delrin	White
Body	Brass	Nickel

## Mechanical Specifications

Size	Dimension
Length	1.08 in (27.4 mm)
Width	0.47 in (12 mm)
Height	0.47 in (12 mm)
Weight	0.3 oz (10 g)

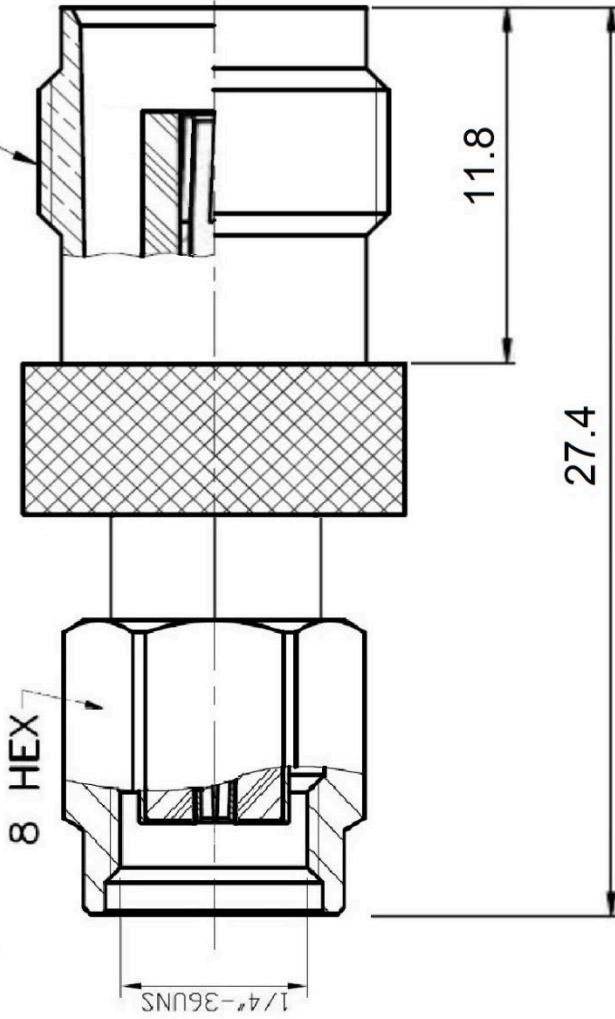
## Environmental Specifications

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/rp-sma-male-to-tnc-female-adapter-8899/>

7/16-28UNEF-2A



27.4

11.8

8 HEX

1/4"-36UNS



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 RP-SMA male to TNC female Adapter

DRAWING NO 8899

FILE NO

NO	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE	ISSUE	MM	DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES	PART NO	DATE
9										
8										
7										
6	WASHER	BRASS	NICKEL	1				0.5-5 =±0.2		
5	DIELECTRIC	TEFLON	WHITE	1				5-30 =±0.4	APPROVED	DATE
4	DIELECTRIC	TEFLON	WHITE	1				30-120 =±0.6	CHECKED	DATE
3	PIN	BRASS	GOLD	1				120-315 =±1	DRAWN	DATE
2	BODY	BRASS	NICKEL	1				315-1000 =±1.6		
1	BODY	BRASS	NICKEL	1				1000-2000 =±2.4		