



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)

TNC female to RP-SMA male Adapter



### Technical Data Sheet

This TNC female to SMA male 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 TNC female to RP-SMA male adapter has a PTFE dielectric and a gold plated brass center pin. The TNC female side provides a threaded connection very similar to a BNC connection, substituting the bayonets for threads. 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.

### Material Specifications

TNC female to RP-SMA male 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)

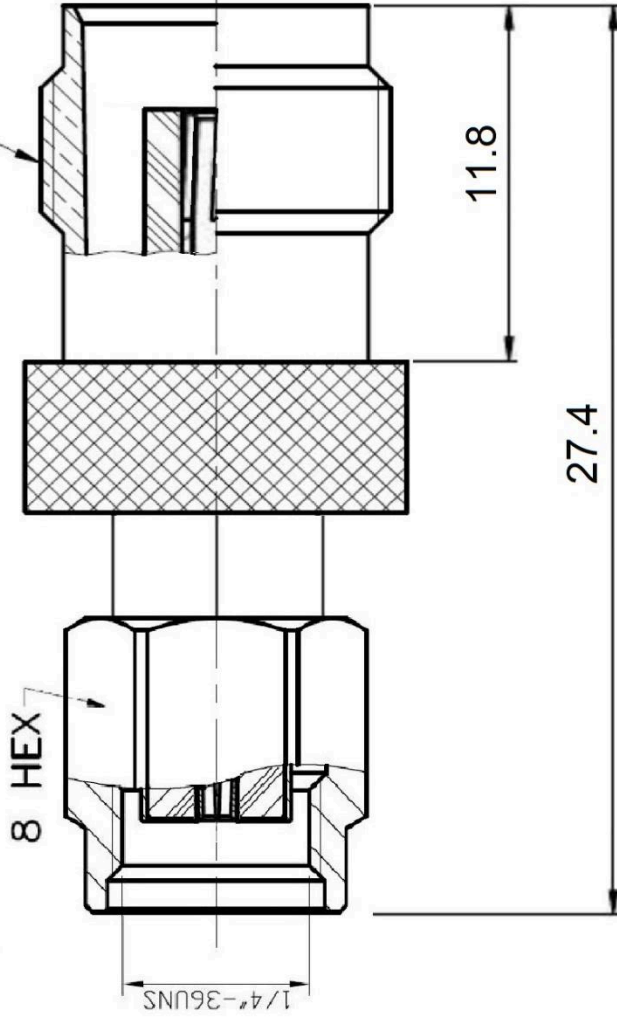
## Environmental Specifications

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

7/16-28UNEF-2A



**MGS** MAX-GAIN SYSTEMS, INC.

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 TNC female to RP-SMA male Adapter

DRAWING NO 8899

FILE NO

NO	DESCRIPTION	MATERIAL	FINISH	QTY
9				
8				
7				
6	WASHER	BRASS	NICKEL	1
5	DIELECTRIC	TEFLON	WHITE	1
4	DIELECTRIC	TEFLON	WHITE	1
3	PIN	BRASS	GOLD	1
2	BODY	BRASS	NICKEL	1
1	BODY	BRASS	NICKEL	1

DIMENSIONS ARE IN MILLIMETERS		PART NO	DATE
UNLESS OTHERWISE SPECIFIED			
TOLERANCES		APPROVED	DATE
0.5-5	=±0.2	CHECKED	DATE
5-30	=±0.4	DRAWN	DATE
30-120	=±0.6		
120-315	=±1		
315-1000	=±1.6		
1000-2000	=±2.4		
SCALE	ISSUE		
	MM		