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RP-SMA female to TNC male Adapter



## Technical Data Sheet

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

## Material Specifications

RP-SMA female to TNC male Adapter		Part Number 8898
Description	Material	Plating
Shell	Brass	Nickel
C Ring	Brass	None
Gasket	Rubber	Red
Pin	Brass	Gold
Insulator	PTFE	White
Body	Brass	Nickel

## Mechanical Specifications

Size	Dimension
Length	1.08 in (27.4 mm)
Width	0.57 in (14 mm)
Height	0.57 in (14 mm)
Weight	0.3 oz (10 g)

## Electrical Specifications

Criteria	Dimension
Impedance (Nominal)	50 Ohms
Frequency Range	DC to 11 GHz
Insertion Loss	0.15 dB
Working Voltage	500 Vdc
Dielectric Withstanding Voltage	1,000 Vrms

## 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-female-to-tnc-male-adapter/>

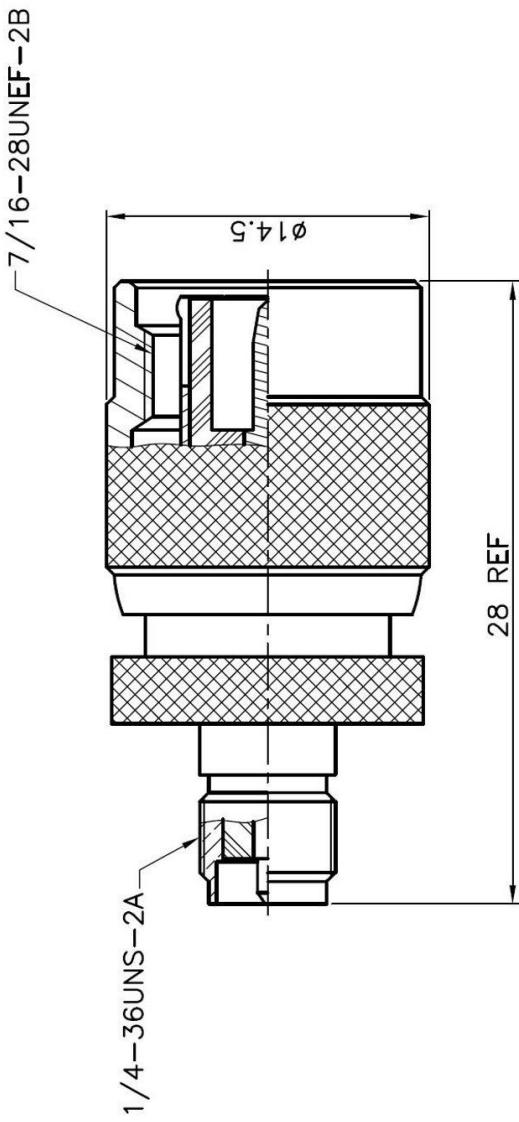
# MGS

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TITLE: RP-SMA female to TNC male Adapter

DRAWING NO: 8898  
CAGE CODE: 7JZZ8



NO.	DESCRIPTION	UNIT: mm	DRAWN	DATE
1	SHELL	BRASS	NICKEL	APPROVED
2	C RING	BRASS	NONE	30-120 = ±0.4
3	GASKET	RUBBER	RED	120-315 = ±0.6
4	PIN	BRASS	GOLD	315-1000 = ±1.6 1000-2000 = ±2.4
5	INSULATOR	TEFLON	WHITE	UNIT: mm
6	BODY	BRASS	NICKEL	DRAWN
7	NO. DESCRIPTION	MATERIAL	FINISH	SCALE: -