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RP-SMA female to RP-TNC male Adapter



Technical Data Sheet

This RP-SMA female to RP-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 RP-TNC male 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 RP-TNC male side provides the jack that is normally found in a TNC female connection and internal threads, RP-TNC connections are popular in wireless and Wi-Fi applications.

Material Specifications

RP-SMA female to RP-TNC male Adapter

Part Number 8901

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

Mechanical Specifications

Size	Dimension
Length	1.10 in (28 mm)
Width	0.57 in (14.5 mm)
Height	0.57 in (14.5 mm)
Weight	0.5 oz (14 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-female-to-rp-tnc-male-adapter-8901/>

Technical drawing of a mechanical assembly in cross-section. The assembly consists of a top flange, a central shaft, a middle flange, a large textured sleeve, and a bottom flange. A dimension line on the right indicates a total height of 28. A dimension line at the bottom indicates an inner diameter of Ø14.5.

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