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RP-TNC to SMA male female Adapter



### Technical Data Sheet

This RP-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 RP-TNC female to SMA male adapter has a PTFE dielectric and a gold plated brass center pin. The RP-TNC female side provides the pins that are normally found in TNC male connections, RP-TNC connections are popular in wireless and Wi-Fi applications. The SMA male side's plug and interior threads provide a sub-miniature and tight-locking connection for use at higher frequencies.

### Material Specifications

RP-TNC female to SMA male Adapter

Part Number 8902

| Description | Material | Plating |
|-------------|----------|---------|
| Gasket      | Rubber   | Red     |
| Insulator   | PTFE     | White   |
| Insulator   | PTFE     | White   |
| Pin         | Brass    | Gold    |
| Body        | Brass    | Nickel  |
| Body        | Brass    | Nickel  |

## Mechanical Specifications

| Size   | Dimension         |
|--------|-------------------|
| Length | 1.12 in (28.3 mm) |
| Width  | 0.43 in (11 mm)   |
| Height | 0.43 in (11 mm)   |
| Weight | 0.3 oz (10 g)     |

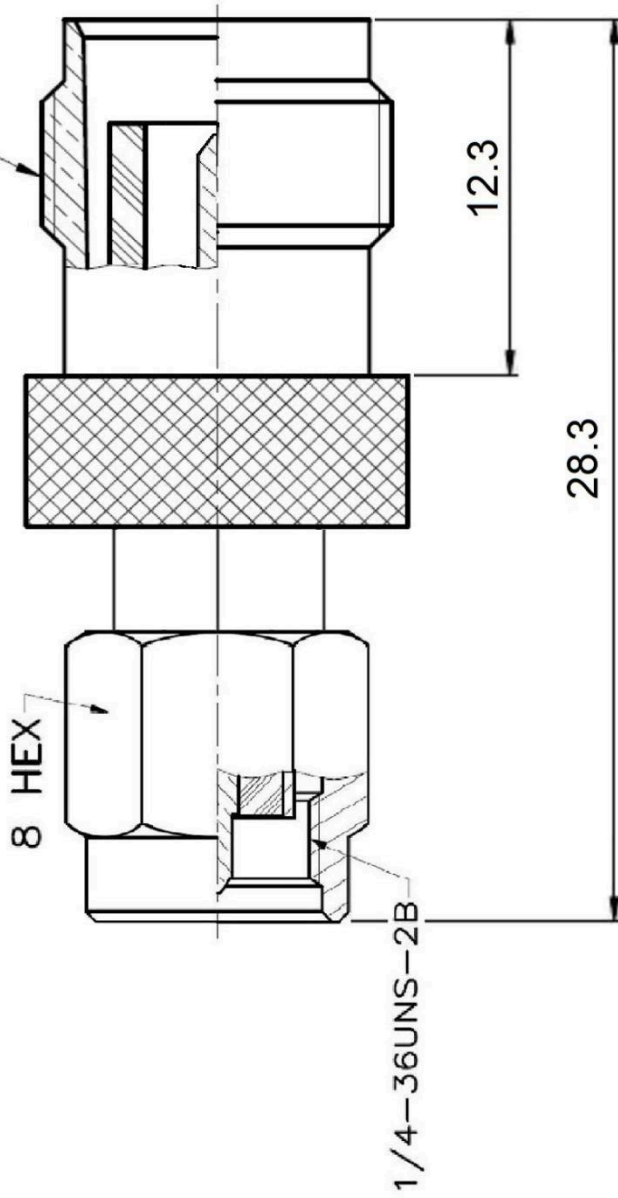
## Environmental Specifications

| 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-tnc-female-to-sma-male-adapter-8902/?v=7516fd43adaa>

7/16-28UNEF-2A



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TITLE RP-TNC female to SMA male Adapter

DRAWING NO 8902

FILE NO

| NO | DESCRIPTION | MATERIAL | FINISH | QTY | SCALE | ISSUE | MM | DIMENSIONS ARE IN MILLIMETERS<br>UNLESS OTHERWISE SPECIFIED<br>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  |          |      |