



The AccelTex inline RF connector adapter converts an existing style or gender connector to easily mate with another style or gender. These adapters are built to minimize insertion loss and are an easy and efficient way to change styles and genders within an RF system.

**Part Number: ATS-NP-RPSMAJ**

## > ELECTRICAL SPECIFICATIONS

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Impedance: 50Ω  
Frequency Range: DC-5.85 GHz  
VSWR: ≤1.2  
Insertion Loss: ≤0.2dB

Center Conductor Contact Resistance: ≤ 3mΩ  
Outer Conductor Contact Resistance: ≤ 2.5mΩ  
Dielectric Withstand: 1000V RMS  
Insulation Resistance: ≥ 5000MΩ

## > MECHANICAL SPECIFICATIONS

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Connector 1 Style: N-Style Plug  
Connector 2 Style: RPSMA Jack  
Adapter Shape: Straight  
Mating: 5/8-24UNEF-2B and 1/4-36UNS-2A  
Durability: ≥ 500 Cycles

Body: Nickel Plated Brass  
Insulator: Teflon  
Contact Pin: Gold Plated Brass

## > ENVIRONMENTAL SPECIFICATIONS

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Operating Temperature: -67 to 311°F (-55 to 155°C)

## > STANDARDS, TESTING AND CERTIFICATIONS

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IEC 60169-16 and IEC 60169-15  
ROHS 2011/65/EU Compliant

## > WARRANTY

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1 Year Limited Warranty