



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-NJ-NP**

## > ELECTRICAL SPECIFICATIONS

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Impedance: 50 $\Omega$

Frequency Range: DC-5.85 GHz

VSWR:  $\leq 1.1$

Insertion Loss:  $\leq 0.2$ dB

Center Conductor Contact Resistance:  $\leq 1$ m $\Omega$

Outer Conductor Contact Resistance:  $\leq 1$ m $\Omega$

Dielectric Withstand: 1500V RMS

Insulation Resistance:  $\geq 5000$ M $\Omega$

## > MECHANICAL SPECIFICATIONS

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Connector 1 Style: N-Style Jack

Connector 2 Style: N-Style Plug

Adapter Shape: Straight

Mating: 5/8-24UNEF-2A and 5/8-24UNEF-2B

Durability:  $\geq 500$  Cycles

Body: Nickel Plated Brass

Insulator: Teflon

Contact Pin: Gold Plated Phosphor Brass and Beryllium 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

ROHS 2011/65/EU Compliant

## > WARRANTY

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1 Year Limited Warranty