



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-RPSMAP

> ELECTRICAL SPECIFICATIONS

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

Connector 1 Style: N-Style Plug

Connector 2 Style: RPSMA Plug

Adapter Shape: Straight

Mating: 5/8-24UNEF-2B and 1/4-36UNS-2B

Durability: ≥ 500 Cycles

Body: Nickel Plated Brass

Insulator: Teflon

Contact Pin: Gold Plated Bronze

> ENVIRONMENTAL SPECIFICATIONS

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

> STANDARDS, TESTING AND CERTIFICATIONS

IEC 60169-15 and IEC 60169-16

ROHS 2011/65/EU Compliant

> WARRANTY

1 Year Limited Warranty