



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-RPSMAP-RPTNCP

> ELECTRICAL SPECIFICATIONS

Impedance: 50 Ω
Frequency Range: DC-5.85 GHz
VSWR: ≤ 1.5
Insertion Loss: ≤ 0.3 dB

Center Conductor Contact Resistance: ≤ 10 m Ω
Outer Conductor Contact Resistance: ≤ 2.5 m Ω
Dielectric Withstand: 1000V RMS
Insulation Resistance: ≥ 5000 M Ω

> MECHANICAL SPECIFICATIONS

Connector 1 Style: RPSMA Plug
Connector 2 Style: RPTNC Plug
Adapter Shape: Straight
Mating: 1/4-36UNS-2B and 7/16-28UNEF-2B
Durability: ≥ 500 Cycles

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

> ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: -67 to 311 $^{\circ}$ F (-55 to 155 $^{\circ}$ C)

> STANDARDS, TESTING AND CERTIFICATIONS

IEC 60169-15 and IEC 60169 -17
ROHS 2011/65/EU Compliant

> WARRANTY

1 Year Limited Warranty