



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-RPTNCJ**

## > ELECTRICAL SPECIFICATIONS

---

Impedance: 50 $\Omega$   
Frequency Range: DC-5.85 GHz  
VSWR:  $\leq 1.4$   
Insertion Loss:  $\leq 0.3$ dB

Center Conductor Contact Resistance:  $\leq 10$ m $\Omega$   
Outer Conductor Contact Resistance:  $\leq 2.5$ m $\Omega$   
Dielectric Withstand: 1000V RMS  
Insulation Resistance:  $\geq 5000$ M $\Omega$

## > MECHANICAL SPECIFICATIONS

---

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

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