

# AERO

American Made RF Adapters



Part Number

**A18F-18M**

Description

**1.85mm Female to  
1.85mm Male**

## Component Materials

Body	303 Stainless Steel
Bushing	303 Stainless Steel
Sleeve(s)	303 Stainless Steel
Contact	Beryllium Copper
Snap Ring	Beryllium Copper
Insulator	Noryl

## Component Plating

Body	Passivate
Bushing	Passivate
Sleeve(s)	Passivate
Contact	Gold over Nickel

## Environmental Specifications

Operating Temperature Range	-65° C to +110° C
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## Electrical Specifications

Impedance	50 Ohm
Frequency Range	DC to 65 GHz
VSWR	1.35 Max to 65 GHz
Voltage Rating (AC)	250 Vrms
Insulation Resistance	N/A
Dielectric Withstanding Voltage (AC)	500 Vrms

## Mechanical Specifications

Polarity	1.85mm Female to Standard 1.85mm Male
Interface Specification	IEEE Std 287
Mating Cycles	500

## Compliance Specifications

RoHS and REACH Compliant
DFARS Compliant