

# AERO

American Made RF Adapters



Part Number

**A18M-35M**

Description

**1.85mm Male to 3.5mm  
Male**

## Component Materials

Bodies	303 Stainless Steel
Sleeve	303 Stainless Steel
Bushings	Brass
Coupling Bushing	303 Stainless Steel
1.85mm Contact	Beryllium Copper
3.5mm Contact	Beryllium Copper
Adapter Contact	Brass
Insulator	Teflon
Gasket	Silicone (Red)
Snap Ring	Beryllium Copper

## Component Plating

Body	Passivate
Bushings	Gold
Adaptor Bushing	Passivate
Contact	Gold

## Environmental Specifications

Operating Temperature Range	-65° C to +165° C
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## Electrical Specifications

Impedance	50 Ohm
Frequency Range	DC to 27 GHz
VSWR	1.25 Max to 27 GHz
Voltage Rating (AC)	250 Vrms
Insulation Resistance	N/A
Dielectric Withstanding Voltage (AC)	500 Vrms

## Mechanical Specifications

Polarity	1.85mm Male to Standard 3.5mm Male
Interface Specification	IEEE Std 287
Mating Cycles	500

## Compliance Specifications

RoHS and REACH Compliant	
DFARS Compliant	