

AERO

American Made RF Adapters



Part Number

A18F-35M

Description

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

Compliance Specifications

RoHS and REACH Compliant
DFARS Compliant