

# AERO

American Made RF Adapters



Part Number

**A35F-NF**

Description

**3.5mm Female to Type N  
Female**

## Component Materials

|            |                     |
|------------|---------------------|
| Body       | 303 Stainless Steel |
| Bushing(s) | 303 Stainless Steel |
| Contact    | Beryllium Copper    |
| Contact    | Brass               |
| Tube       | Brass               |
| Insulator  | Noryl (Black)       |

## Component Plating

|            |                  |
|------------|------------------|
| Body       | Passivate        |
| Bushing(s) | Passivate        |
| Contacts   | Gold over Nickel |
| Tube       | Gold over Nickel |

## Environmental Specifications

|                             |                   |
|-----------------------------|-------------------|
| Operating Temperature Range | -65° C to +165° C |
|-----------------------------|-------------------|

## Electrical Specifications

|                                      |                    |
|--------------------------------------|--------------------|
| Impedance                            | 50 Ohm             |
| Frequency Range                      | DC to 18 GHz       |
| VSWR                                 | 1.15 Max to 18 GHz |
| Voltage Rating (AC)                  | 335 Vrms           |
| Insulation Resistance                | 5,000 MOhm         |
| Dielectric Withstanding Voltage (AC) | 1,000 Vrms         |

## Mechanical Specifications

|                         |  |
|-------------------------|--|
| Polarity                | 3.5mm Female to Standard Type N Female |
| Interface Specification | IEEE Std 287/MIL-STD-348               |
| Mating Cycles           | 500                                    |

## Compliance Specifications

|                          |
|--------------------------|
| RoHS and REACH Compliant |
| DFARS Compliant          |