

# AERO

American Made RF Adapters



Part Number

**ASMAM-SMAM**

Description

**SMA Male to SMA Male**

## Component Materials

|              |                     |
|--------------|---------------------|
| Body         | 303 Stainless Steel |
| Bushing      | 303 Stainless Steel |
| Sleeve(s)    | 303 Stainless Steel |
| Contact      | Brass               |
| Insulator(s) | Teflon              |
| Insulator    | Ultem               |
| Gasket       | Silicone (Red)      |

## Component Plating

|         |                  |
|---------|------------------|
| Body    | Passivate        |
| Bushing | Passivate        |
| Contact | Gold over Nickel |

## Environmental Specifications

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

## Electrical Specifications

|                                      |                    |
|--------------------------------------|--------------------|
| Impedance                            | 50 Ohm             |
| Frequency Range                      | DC to 27 GHz       |
| VSWR                                 | 1.15 Max to 27 GHz |
| Voltage Rating (AC)                  | 335 Vrms           |
| Insulation Resistance                | 5,000 MOhm         |
| Dielectric Withstanding Voltage (AC) | 1,000 Vrms         |

## Mechanical Specifications

|                         |                               |
|-------------------------|-------------------------------|
| Polarity                | SMA Male to Standard SMA Male |
| Interface Specification | MIL-STD-348                   |
| Mating Cycles           | 500                           |

## Compliance Specifications

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