

# AERO

American Made RF Adapters



Part Number

**ABNCM-SMAM**

Description

**BNC Male to SMA Male**

## Component Materials

|               |                       |
|---------------|-----------------------|
| Body          | Brass                 |
| Contact       | Brass                 |
| Insulator     | Teflon                |
| Sleeve        | Brass                 |
| Outer Contact | Brass                 |
| Spring Washer | Beryllium Copper      |
| Split Washer  | Brass                 |
| Snap Ring     | Beryllium Copper      |
| Gasket        | Silicone Rubber (Red) |

## Component Plating

|                     |                     |
|---------------------|---------------------|
| Body                | Albaloy over Nickel |
| Contact             | Gold over Nickel    |
| Sleeve              | Albaloy over Nickel |
| Outer Contact       | Albaloy over Nickel |
| Spring/Split Washer | Albaloy over Nickel |

## Environmental Specifications

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

## Electrical Specifications

|                                      |                  |
|--------------------------------------|------------------|
| Impedance                            | 50 Ohm           |
| Frequency Range                      | DC to 4 GHz      |
| VSWR                                 | 1.3 Max to 4 GHz |
| Voltage Rating (AC)                  | 800 Vrms         |
| Insulation Resistance                | 5,000 MOhm       |
| Dielectric Withstanding Voltage (AC) | 1,500 Vrms       |

## Mechanical Specifications

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

## Compliance Specifications

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