

View Online at <https://aerobasegroup.com/nsn/5985-01-339-9112>

**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular double indented

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

0.795 inches single flange and 0.799 inches single flange

**Flange Inside Height:**

0.425 inches single flange and 0.429 inches single flange

**Flange Outside Width:**

1.360 inches single flange and 1.390 inches single flange

**Flange Outside Height:**

1.360 inches single flange and 1.390 inches single flange

**Flange Depth:**

0.173 inches single flange and 0.203 inches single flange

**Flange Connecting Hole Diameter:**

0.114 inches single flange first connection facility and 0.118 inches single flange first connection facility 0.095 inches single flange second connection facility and 0.096 inches single flange second connection facility

**Voltage Standing Wave Ratio:**

1.30

**Insertion Loss In Decibels:**

0.30

**Coaxial Connector Series Designation:**

N

**Connector End Design:**

Female

**Adapter Length:**

1.340 inches

**Adapter Height:**

Between 1.360 inches and 1.390 inches

**Waveguide Outside Width:**

Between 0.789 inches and 0.794 inches

**Waveguide Inside Width:**

Between 0.689 inches and 0.694 inches

**Waveguide Inside Height:**

Between 0.318 inches and 0.324 inches

**Waveguide Outside Height:**

Between 0.418 inches and 0.424 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole single flange first connection facility 2 unthreaded hole single flange second connection facility

**Flange Style:**

Contact, double ridge type single flange

**Adapterheight:**

2.040 inches

**Adapterwidth:**

Between 1.360 inches and 1.390 inches

**Material:**

Aluminum alloy single tubing segment and flange

**Surface Treatment:**

Chromate single tubing segment and flange inside surfacespaint single tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to coaxial

**Fsc Application Data:**

Antennas, waveguides, and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A073a0