

View Online at <https://aerobasegroup.com/nsn/5985-01-110-2968>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

3.565 inches single flange and 3.570 inches single flange

**Flange Inside Height:**

1.865 inches single flange and 1.870 inches single flange

**Flange Outside Width:**

5.423 inches single flange and 5.453 inches single flange

**Flange Outside Height:**

3.735 inches single flange and 3.765 inches single flange

**Flange Depth:**

1.000 inches single flange

**Flange Connecting Hole Diameter:**

0.259 inches single flange all connection facilities and 0.269 inches single flange all connection facilities

**Voltage Standing Wave Ratio:**

1.02

**Coaxial Connector Series Designation:**

N

**Connector End Design:**

Female

**Adapter Length:**

2.650 inches

**Adapter Height:**

Between 3.735 inches and 3.765 inches

**Waveguide Outside Width:**

Between 3.554 inches and 3.566 inches

**Waveguide Inside Width:**

Between 3.394 inches and 3.406 inches

**Waveguide Inside Height:**

Between 1.694 inches and 1.706 inches

**Waveguide Outside Height:**

Between 1.854 inches and 1.866 inches

**Flange Connecting Facility And Quantity:**

10 unthreaded hole single flange all connection facilities

**Flange Style:**

Contact type single flange

**Adapterheight:**

Between 3.735 inches and 3.765 inches

**Adapterwidth:**

Between 5.423 inches and 5.453 inches

**Material:**

Aluminum alloy 6061 single tubing segment and flange

**Surface Treatment:**

Chromate single tubing segment and flange outside surfaces and enamel single tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to coaxial

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A073a0