

View Online at <https://aerobasegroup.com/nsn/5985-01-349-3197>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b single flange first connection facility

**Thread Direction:**

Right-hand single flange first connection facility

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Inside Width:**

0.844 inches single flange and 0.850 inches single flange

**Flange Inside Height:**

0.309 inches single flange and 0.315 inches single flange

**Flange Outside Width:**

0.844 inches single flange and 0.850 inches single flange

**Flange Outside Height:**

1.360 inches single flange and 1.390 inches single flange

**Flange Depth:**

0.235 inches single flange and 0.265 inches single flange

**Flange Connecting Hole Diameter:**

0.096 inches single flange second connection facility and 0.097 inches single flange second connection facility 0.141 inches single flange third connection facility and 0.147 inches single flange third connection facility

**Voltage Standing Wave Ratio:**

1.15

**Coaxial Connector Series Designation:**

Tnc

**Connector End Design:**

Female

**Adapter Length:**

5.100 inches

**Adapter Height:**

Between 1.360 inches and 1.390 inches

**Waveguide Outside Width:**

Between 0.970 inches and 0.980 inches

**Thread Size:**

0.138 inches single flange first connection facility

**Waveguide Inside Width:**

Between 0.842 inches and 0.852 inches

**Waveguide Inside Height:**

Between 0.307 inches and 0.317 inches

**Waveguide Outside Height:**

Between 0.435 inches and 0.445 inches

**Flange Connecting Facility And Quantity:**

2 threaded hole single flange first connection facility 2 unthreaded hole single flange second connection facility 2 unthreaded hole single flange third connection facility

**Flange Style:**

Contact, double ridge type single flange

**Adapterheight:**

1.450 inches

**Adapterwidth:**

Between 1.360 inches and 1.390 inches

**Material:**

Aluminum alloy all tubing segment and flange

**Precious Material And Location:**

Contact gold

**Precious Material:**

Gold

**Surface Treatment:**

Chromate single tubing segment inside surfaceschromate all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to coaxial

**Thread Series Designator:**

Unc single flange first connection facility

**Fsc Application Data:**

Antennas, waveguides, and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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