

View Online at <https://aerobasegroup.com/nsn/5985-01-322-3909>

**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular double indented

**Thread Class:**

2b single flange all connection facilities

**Thread Direction:**

Right-hand single flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

0.717 inches single flange and 0.723 inches single flange

**Flange Inside Height:**

0.318 inches single flange and 0.324 inches single flange

**Flange Outside Width:**

1.360 inches single flange and 1.400 inches single flange

**Flange Outside Height:**

1.360 inches single flange and 1.400 inches single flange

**Flange Depth:**

0.230 inches single flange and 0.270 inches single flange

**Voltage Standing Wave Ratio:**

1.20

**Insertion Loss In Decibels:**

0.30

**Coaxial Connector Series Designation:**

Tnc

**Connector End Design:**

Female

**Adapter Length:**

1.980 inches

**Adapter Height:**

1.375 inches

**Waveguide Outside Width:**

Between 6.652 inches and 6.668 inches

**Thread Size:**

0.138 inches single flange all connection facilities

**Waveguide Inside Width:**

Between 6.492 inches and 6.508 inches

**Waveguide Inside Height:**

Between 3.242 inches and 3.258 inches

**Waveguide Outside Height:**

Between 3.402 inches and 3.418 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole single flange all connection facilities

**Flange Style:**

Contact, double ridge type single flange

**Adapterheight:**

1.500 inches

**Adapterwidth:**

1.375 inches

**Material:**

Aluminum alloy all tubing segment and flange

**Precious Material And Location:**

Contact external surfaces gold

**Precious Material:**

Gold

**Surface Treatment:**

Chromate 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 all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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