

View Online at <https://aerobasegroup.com/nsn/5985-01-149-4066>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

0.705 inches single flange

**Flange Inside Height:**

0.394 inches single flange

**Flange Outside Width:**

1.298 inches single flange and 1.328 inches single flange

**Flange Outside Height:**

1.298 inches single flange and 1.328 inches single flange

**Flange Depth:**

0.298 inches single flange and 0.328 inches single flange

**Flange Connecting Hole Diameter:**

0.144 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.50

**Insertion Loss In Decibels:**

0.40

**Coaxial Connector Series Designation:**

Tnc

**Connector End Design:**

Female

**Adapter Length:**

Between 1.290 inches and 1.350 inches

**Adapter Height:**

Between 1.298 inches and 1.328 inches

**Maximum Operating Pressure:**

5.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

**Waveguide Inside Width:**

Between 0.6195 inches and 0.6245 inches

**Waveguide Inside Height:**

Between 0.3085 inches and 0.3135 inches

**Waveguide Outside Height:**

Between 0.388 inches and 0.394 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Flange Style:**

Cover type single flange

**Adapterheight:**

1.8365 inches

**Adapterwidth:**

Between 1.298 inches and 1.328 inches

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Primer all tubing segment and flange outside surfaces and enamel all 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:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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