

View Online at <https://aerobasegroup.com/nsn/5985-01-333-4302>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**End Application:**

Transmitting set, radar an/tpt-t (v)

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.253 inches second flange and 1.256 inches second flange

**Flange Inside Height:**

0.628 inches second flange and 0.631 inches second flange

**Flange Outside Width:**

1.860 inches second flange and 1.890 inches second flange

**Flange Outside Height:**

1.860 inches second flange and 1.890 inches second flange

**Flange Inside Diameter:**

1.610 inches first flange and 1.640 inches first flange

**Flange Depth:**

0.610 inches first flange and 0.640 inches first flange

**Flange Connecting Hole Diameter:**

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.12

**Insertion Loss In Decibels:**

0.10

**Thready Qty Per Inch (tpi):**

32 first flange all connection facilities

**Maximum Operating Pressure:**

25.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**Thread Size:**

0.164 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 1.118 inches and 1.126 inches

**Waveguide Inside Height:**

Between 0.493 inches and 0.501 inches

**Waveguide Outside Height:**

Between 0.621 inches and 0.629 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Length:**

Between 7.220 inches and 7.280 inches

**Waveguide Center To Center Distance:**

Between 1.410 inches and 1.470 inches

**Special Features:**

Frequency range 7.7 ghz to 8.5 ghz

**Flexibility:**

Rigid first tubing segment

**Material:**

Plastic silicone single tubing jacket

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Offset bend type

**Thread Series Designator:**

Unc first flange all connection facilities

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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