

View Online at <https://aerobasegroup.com/nsn/5985-01-093-6020>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Bend Angle In Deg:**

90.0 third bend e-plane

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.362 inches second flange and 0.364 inches second flange

**Flange Inside Height:**

0.222 inches second flange and 0.224 inches second flange

**Flange Outside Width:**

0.735 inches first flange and 0.765 inches first flange

**Flange Outside Height:**

0.735 inches first flange and 0.765 inches first flange

**Flange Inside Diameter:**

0.485 inches first flange and 0.515 inches first flange

**Flange Depth:**

0.195 inches first flange and 0.225 inches first flange

**Flange Connecting Hole Diameter:**

0.116 inches second flange all connection facilities and 0.118 inches second flange all connection facilities

**Voltage Standing Wave Ratio:**

1.30

**Insertion Loss In Decibels:**

0.80

**Waveguide Outside Width:**

Between 0.358 inches and 0.362 inches

**Thread Size:**

0.112 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 0.279 inches and 0.282 inches

**Waveguide Inside Height:**

Between 0.139 inches and 0.142 inches

**Waveguide Outside Height:**

Between 0.218 inches and 0.222 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Waveguide First Leg Length:**

1.500 inches

**Flange Style:**

Cover type second flange

**Waveguide Second Leg Length:**

Between 1.510 inches and 1.550 inches

**Waveguide Third Leg Length:**

Between 1.485 inches and 1.515 inches

**Waveguide Fourth Leg Length:**

0.750 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces and primer all tubing segment and flange outside surfaces

**Style Designator:**

Three 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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