

View Online at <https://aerobasegroup.com/nsn/5985-00-693-4389>

**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:**

82.0 second bend e-plane

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.897 inches first flange and 0.903 inches first flange

**Flange Inside Height:**

0.397 inches first flange and 0.403 inches first flange

**Flange Outside Width:**

1.625 inches first flange

**Flange Outside Height:**

1.625 inches first flange

**Voltage Standing Wave Ratio:**

1.16

**Waveguide Outside Width:**

Between 1.003 inches and 1.006 inches

**Thread Size:**

0.164 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 0.897 inches and 0.903 inches

**Waveguide Inside Height:**

Between 0.397 inches and 0.403 inches

**Waveguide Outside Height:**

Between 0.503 inches and 0.505 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole first flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Length:**

13.188 inches

**Waveguide Center To Center Distance:**

7.281 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Precious Material And Location:**

All surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Enamel 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

**Fig:**

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