

View Online at <https://aerobasegroup.com/nsn/5985-01-042-7731>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.118 inches first flange and 1.126 inches first flange

**Flange Inside Height:**

0.493 inches first flange and 0.501 inches first flange

**Flange Outside Width:**

1.860 inches first flange and 1.890 inches first flange

**Flange Outside Height:**

1.860 inches first flange and 1.890 inches first flange

**Flange Depth:**

0.610 inches first flange and 0.640 inches first flange

**Voltage Standing Wave Ratio:**

1.06

**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 threaded hole first flange all connection facilities

**Flange Style:**

Choke type first flange

**Waveguide Length:**

Between 20.350 inches and 20.410 inches

**Waveguide Center To Center Distance:**

Between 2.470 inches and 2.530 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

Paint single tubing segment 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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