

View Online at <https://aerobasegroup.com/nsn/5985-01-009-1434>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand second flange all connection facilities

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.508 inches first flange and 0.512 inches first flange

**Flange Inside Height:**

0.253 inches first flange and 0.257 inches first flange

**Flange Outside Width:**

1.297 inches first flange and 1.327 inches first flange

**Flange Outside Height:**

1.297 inches first flange and 1.327 inches first flange

**Flange Inside Diameter:**

1.280 inches first flange

**Flange Depth:**

0.360 inches first flange and 0.390 inches first flange

**Thread Length:**

1.000 inches second flange all connection facilities

**Adapter Length:**

Between 1.195 inches and 1.205 inches

**Waveguide Outside Width:**

0.590 inches and 0.702 inches

**Thread Size:**

0.164 inches first flange all connection facilities

**Waveguide Inside Width:**

0.510 inches and 0.622 inches

**Waveguide Inside Height:**

0.255 inches and 0.311 inches

**Waveguide Outside Height:**

0.355 inches and 0.391 inches

**Flange Connecting Facility And Quantity:**

4 threaded hole second flange all connection facilities

**Flange Style:**

Choke type first flange

**Special Features:**

Flange faces free from paint; includes limiter

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Any acceptable all tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to waveguide

**Thread Series Designator:**

Unc second 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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