

View Online at <https://aerobasegroup.com/nsn/5985-00-004-6284>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2a first flange all connection facilities

**Thread Direction:**

Right-hand first flange all connection facilities

**End Application:**

Advanced air traffic control and land system (atcals) 404I.

**Tubing Wall Construction Style:**

Corrugated single 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 Depth:**

0.610 inches first flange and 0.640 inches first flange

**Flange Connecting Hole Diameter:**

0.169 inches second flange all connection facilities and 0.172 inches second flange all connection facilities

**Voltage Standing Wave Ratio:**

1.10

**Insertion Loss In Decibels:**

0.09

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

32 first flange all connection facilities

**Maximum Operating Pressure:**

40.0 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

**Criticality Code Justification:**

Feat

**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:**

Choke type first flange

**Waveguide Length:**

1.500 feet

**Special Features:**

Weapon system essential

**Flexibility:**

Flexible single tubing segment

**Material:**

Aluminum alloy all flange

**Precious Material And Location:**

Flange surface and tubing surface silver

**Precious Material:**

Silver

**Surface Treatment:**

Chromate all flange outside surfaces

**Style Designator:**

Straight 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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