

View Online at <https://aerobasegroup.com/nsn/5985-00-291-8406>

**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 second bend h-plane

**End Application:**

An/mps-t1

**Tubing Wall Construction Style:**

Straight seam all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

2.002 inches second flange and 2.005 inches second flange

**Flange Inside Height:**

1.002 inches second flange and 1.005 inches second flange

**Flange Outside Diameter:**

3.610 inches second flange and 3.640 inches second flange

**Flange Depth:**

0.922 inches first flange and 0.953 inches first flange

**Flange Connecting Hole Diameter:**

0.199 inches second flange all connection facilities and 0.203 inches second flange all connection facilities

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

32 first flange all connection facilities

**Maximum Operating Pressure:**

15.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.995 inches and 2.005 inches

**Thread Size:**

0.190 inches first flange all connection facilities

**Waveguide Inside Width:**

Between 1.867 inches and 1.877 inches

**Waveguide Inside Height:**

Between 0.867 inches and 0.877 inches

**Waveguide Outside Height:**

Between 0.995 inches and 1.005 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole second flange all connection facilities

**Flange Style:**

Choke type first flange

**Waveguide Center To Center Distance:**

7.510 inches

**Waveguide Height:**

2.440 inches

**Special Features:**

Two wr187bh32 90.0 degrees miter bends

**Flexibility:**

Rigid all tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Double bend type

**Thread Series Designator:**

Unf 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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