

View Online at <https://aerobasegroup.com/nsn/5985-01-600-0686>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b second flange all connection facilities

**Thread Direction:**

Right-hand all flanges all connection facilities

**End Application:**

Next assembly 200425797 used on 200532017

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Voltage Standing Wave Ratio:**

1.08

**Insertion Loss In Decibels:**

0.10

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

20 all flanges all connection facilities

**Maximum Operating Pressure:**

40.0 pounds per square inch gage

**Thread Size:**

0.250 inches all flanges all connection facilities

**Flange Connecting Facility And Quantity:**

8 threaded hole all flanges all connection facilities

**Flange Style:**

Cover type all flanges

**Waveguide Length:**

Between 17.600 inches and 17.660 inches

**Waveguide Center To Center Distance:**

Between 9.808 inches and 9.868 inches

**Specified Frequency:**

Between 4.9 gigahertz and 6.75 gigahertz

**Special Features:**

Flange type: 2x cpr-159 (0.375 in. Thk) cover, 1x w/stainless steel captive fasteners, hex socket head (accurate screw part no. 114121-1.250ssm7-12 or equivalent), flat washers and split lock washers, 1x w/helical inserts; wr-159 flexguide w/protective coating; 1.0mw peak power handling, 1.0kw avg. Power handling; operating temp: -40/+52 degrees c, storage temp: -40/+68 degrees c.

**Flexibility:**

Flexible single tubing segment

**Material:**

Copper single tubing segment

**Style Designator:**

Offset bend type

**Thread Series Designator:**

Unc all flanges all connection facilities

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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