

View Online at <https://aerobasegroup.com/nsn/5985-01-600-0461>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2a all flanges all connection facilities

**Thread Direction:**

Right-hand all flanges all connection facilities

**End Application:**

Next assembly 200425797 used on 200532017

**Tubing Wall Construction Style:**

Straight seam 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:**

Contact type all flanges

**Waveguide Length:**

31.125 inches

**Specified Frequency:**

Between 4.9 gigahertz and 6.75 gigahertz

**Special Features:**

Flange type: 2x cpr-159 (0.375 in. Thk), grooved contact, w/stainless steel captive fasteners, hex socket head (accurate screw part no. 114121-1.250ssm7-12 or equivalent); wr-159 w/heavy wall (0.125 in.); 1.0mw peak power handling, 1.0kw avg. Power handling; operating temp: -40/+52 degrees c, storage temp: -40/+68 degrees c.

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper single tubing segment

**Style Designator:**

Straight type

**Thread Series Designator:**

Unc all flanges all connection facilities

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0