

View Online at <https://aerobasegroup.com/nsn/5985-01-600-0025>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

3a all flanges all connection facilities

**Thread Direction:**

Right-hand all flanges all connection facilities

**Bend Angle In Deg:**

90.0 second bend h-plane

**End Application:**

Next assembly and used on 200532017

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Tubing Twist Type:**

Straight twist first tubing segment

**Tubing Twist Angle In Deg:**

45.0 first tubing segment

**Flange Quantity:**

2

**Voltage Standing Wave Ratio:**

1.20

**Insertion Loss In Decibels:**

0.22

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

32 all flanges all connection facilities

**Maximum Operating Pressure:**

25.0 pounds per square inch gage

**Thread Size:**

0.164 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:**

18.090 inches

**Waveguide Center To Center Distance:**

13.920 inches

**Specified Frequency:**

Between 7.05 gigahertz and 10.00 gigahertz

**Special Features:**

Flange type: cpr-112 cover flange w/stainless steel captive fasteners, hex head; wr-112 flexguide w/protective coating and wr112 rigid copper wg; 250.0kw peak power handling, 1.0kw avg power handling; operating temp: -40/+52 degrees c, storage temp: -40/+68 degrees c.

**Flexibility:**

Flexible all tubing segment or rigid all tubing segment

**Material:**

Copper alloy all flange

**Surface Treatment:**

Cadmium all flange all surfaces

**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

**Fig:**

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