

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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