## NSN 5985-00-915-0611

Waveguide Assembly - Page 1 of 2



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## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2a all flanges all connection facilities

**Thread Direction:** 

Right-hand all flanges all connection facilities

Bend Angle In Deg:

90.0 first bend e-plane

**Tubing Wall Construction Style:** 

Straight seam second tubing segment

Flange Quantity:

2

Flange Inside Width:

1.814 inches all flanges

Flange Inside Height:

0.814 inches all flanges

Flange Outside Diameter:

3.625 inches all flanges

Flange Depth:

0.938 inches all flanges

**Voltage Standing Wave Ratio:** 

1.10

**Insertion Loss In Decibels:** 

0.03

**Maximum Operating Pressure:** 

30.0 pounds per square inch gage

**Waveguide Outside Width:** 

2.000 inches

**Thread Size:** 

0.190 inches all flanges all connection facilities

Waveguide Inside Width:

1.872 inches

**Waveguide Inside Height:** 

0.872 inches

**Waveguide Outside Height:** 

1.000 inches

**Waveguide Longer Offset Distance:** 

8.550 inches

Flange Connecting Facility And Quantity:

8 captive screws all flanges single connection facility

Flange Style:

Choke type all flanges

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Waveguide Offset Distance:
2.700 inches
Flexibility:
Rigid second tubing segment
Material:
Copper alloy all tubing segment
Precious Material And Location:
Inside tubing segment silver
Precious Material:
Silver
Surface Treatment:
Silver all tubing segment inside surfaces
Style Designator:
Bend type
Thread Series Designator:
Unf all flanges all connection facilities
Fsc Application Data:
Trainer, radar
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
A073a0