## NSN 5985-00-175-4529

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## **Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:** 

2b first flange all connection facilities

**Thread Direction:** 

Right-hand first flange all connection facilities

**Tubing Wall Construction Style:** 

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

2.002 inches second flange

Flange Inside Height:

1.002 inches second flange

Flange Outside Diameter:

3.625 inches second flange

Flange Depth:

0.938 inches first flange

Flange Connecting Hole Diameter:

0.199 inches second flange all connection facilities

**Voltage Standing Wave Ratio:** 

1.10

**Insertion Loss In Decibels:** 

0.02

Thready Qty Per Inch (tpi):

32 first flange all connection facilities

**Waveguide Outside Width:** 

2.000 inches

**Thread Size:** 

0.190 inches first flange all connection facilities

Waveguide Inside Width:

1.872 inches

**Waveguide Inside Height:** 

0.872 inches

**Waveguide Outside Height:** 

1.000 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange single connection facility

Flange Style:

Cover type second flange

Waveguide Length:

5.750 inches

## **NSN 5985-00-175-4529** Waveguide Assembly - Page 2 of 2



Flexibility:
Rigid all tubing segment
Material:
Aluminum all tubing segment and flange
Surface Treatment:
Any acceptable all tubing segment and flange inside surfaces
Style Designator:
Straight type
Thread Series Designator:
Unf first flange all connection facilities
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli

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