NSN 5985-00-185-5072

Waveguide Assembly - Page 1 of 2



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Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange single connection facility

Thread Direction:

Right-hand second flange single connection facility

Tubing Wall Construction Style:

Null-point seam single tubing segment

Flange Quantity:

2

Flange Inside Width:

Any acceptable second flange

Flange Inside Height:

Any acceptable second flange

Flange Outside Width:

6.060 inches second flange

Flange Outside Height:

5.040 inches second flange

Flange Depth:

Any acceptable second flange

Flange Connecting Hole Diameter:

0.263 inches first flange single connection facility

Voltage Standing Wave Ratio:

1.08

Insertion Loss In Decibels:

0.06

Maximum Operating Pressure:

35.0 pounds per square inch gage

Waveguide Outside Width:

Between 2.994 inches and 3.006 inches

Thread Size:

0.3125 inches second flange single connection facility

Waveguide Inside Width:

Between 1.334 inches and 1.346 inches

Waveguide Inside Height:

1.340 inches

Waveguide Outside Height:

Between 1.494 inches and 1.506 inches

Flange Connecting Facility And Quantity:

6 threaded hole second flange single connection facility

Flange Style:

Contact type second flange

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Waveguide Length:
1.073 feet
Flexibility:
Flexible single tubing segment
Material:
Copper alloy single tubing segment
Precious Material And Location:
Tubing and flange internal and external surfaces silver
Precious Material:
Silver
Surface Treatment:
Silver alloy single tubing segment and flange all surfaces
Style Designator:
Straight type
Thread Series Designator:
Unc second flange single connection facility
Fsc Application Data:
Antennas, waveguides, and related equipment
Shelf Life:
N/a
Unit Of Measure:
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Demilitarization:
Yes - demil/mli
Fiig:
A073a0