NSN 5985-01-109-3616

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-01-109-3616

| Cross | Sectional | Shape: |
|-------|-----------|--------|
| | | |

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Interlocked single tubing segment

Tubing Twist Type:

Twistable single tubing segment

Tubing Twist Angle In Deg:

105.0 single tubing segment

Flange Quantity:

2

Flange Inside Width:

2.000 inches all flanges

Flange Inside Height:

1.000 inches all flanges

Flange Outside Diameter:

3.625 inches all flanges

Flange Depth:

0.375 inches all flanges

Flange Connecting Hole Diameter:

0.199 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.08

Insertion Loss In Decibels:

0.06

Maximum Operating Pressure:

30.0 pounds per square inch gage

Waveguide Outside Width:

2.000 inches

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 all flanges all connection facilities

Flange Style:

Cover type all flanges

Waveguide Length:

9.000 inches

Flexibility:

Flexible single tubing segment

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| Material: | | |
|---|--|--|
| Rubber synthetic single tubing jacket | | |
| Precious Material And Location: | | |
| Waveguide surfaces silver | | |
| Precious Material: | | |
| Silver | | |
| Surface Treatment: | | |
| Silver single tubing segment all surfaces | | |
| Style Designator: | | |
| Straight type | | |
| Shelf Life: | | |
| N/a | | |
| Unit Of Measure: | | |
| | | |
| Demilitarization: | | |
| No | | |

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