

View Online at <https://aerobasegroup.com/nsn/5985-01-343-0854>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

42.5 single bend e-plane

Tubing Wall Construction Style:

Corrugated single tubing segment

Tubing Twist Type:

Twistable single tubing segment

Tubing Twist Angle In Deg:

85.0 single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.003 inches all flanges and 1.006 inches all flanges

Flange Inside Height:

0.503 inches all flanges and 0.506 inches all flanges

Flange Outside Width:

1.610 inches all flanges and 1.640 inches all flanges

Flange Outside Height:

1.610 inches all flanges and 1.640 inches all flanges

Flange Depth:

0.423 inches all flanges and 0.453 inches all flanges

Flange Connecting Hole Diameter:

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.20

Insertion Loss In Decibels:

0.20

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Waveguide Inside Width:

Between 0.896 inches and 0.904 inches

Waveguide Inside Height:

Between 0.396 inches and 0.404 inches

Waveguide Outside Height:

Between 0.496 inches and 0.504 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Flange Style:

Cover type all flanges

Waveguide Length:

6.000 inches

Special Features:

Frequency range 8.5 to 9.6 ghz

Flexibility:

Flexible single tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

Internal surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver all tubing segment and flange inside surfaces

Style Designator:

Straight type

Fsc Application Data:

Antennas, waveguides, and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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