

View Online at <https://aerobasegroup.com/nsn/5985-01-187-4951>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 single bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.854 inches all flanges and 0.856 inches all flanges

Flange Inside Height:

0.479 inches all flanges and 0.481 inches all flanges

Flange Outside Width:

1.485 inches all flanges and 1.515 inches all flanges

Flange Outside Height:

1.485 inches all flanges and 1.515 inches all flanges

Flange Depth:

0.376 inches all flanges and 0.406 inches all flanges

Flange Connecting Hole Diameter:

0.144 inches all flanges all connection facilities and 0.147 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.847 inches and 0.853 inches

Waveguide Inside Width:

Between 0.747 inches and 0.753 inches

Waveguide Inside Height:

Between 0.372 inches and 0.378 inches

Waveguide Outside Height:

Between 0.472 inches and 0.478 inches

Waveguide Longer Offset Distance:

Between 5.909 inches and 5.969 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Flange Style:

Cover type all flanges

Waveguide Offset Distance:

1.000 inches

Special Features:

Flange faces 63.0 in. Microinch finish, free of coating

Flexibility:

Rigid all tubing segment

Material:

Metal all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces

Style Designator:

Bend type

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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