

View Online at <https://aerobasegroup.com/nsn/5985-00-247-3668>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange all connection facilities

Thread Direction:

Right-hand second flange all connection facilities

Bend Angle In Deg:

90.0 single bend e-plane

End Application:

Landing control central an/spn-42

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

3

Flange Inside Width:

0.684 inches first flange and 0.686 inches first flange

Flange Inside Height:

0.222 inches first flange and 0.224 inches first flange

Flange Outside Width:

1.500 inches first flange

Flange Outside Height:

1.000 inches first flange

Flange Inside Diameter:

0.500 inches third flange

Flange Depth:

0.210 inches third flange

Flange Connecting Hole Diameter:

0.144 inches first flange all connection facilities

Voltage Standing Wave Ratio:

1.08

Insertion Loss In Decibels:

0.20

Waveguide Outside Width:

Between 0.358 inches and 0.362 inches

Thread Size:

0.112 inches second flange all connection facilities

Waveguide Inside Width:

Between 0.279 inches and 0.282 inches

Waveguide Inside Height:

Between 0.139 inches and 0.142 inches

Waveguide Outside Height:

Between 0.218 inches and 0.222 inches

Waveguide Longer Offset Distance:

1.000 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole first flange all connection facilities

Flange Style:

Contact type first flange

Waveguide Length:

1.280 inches

Waveguide Offset Distance:

0.860 inches

Waveguide Center To Center Distance:

0.320 inches

Waveguide Height:

1.500 inches

Special Features:

One flange accommodates two waveguides

Flexibility:

Rigid single tubing segment

Precious Material And Location:

Internal surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver single flange inside surfaces

Thread Series Designator:

Unc second flange all connection facilities

Fsc Application Data:

Antennas, waveguides and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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