

View Online at <https://aerobasegroup.com/nsn/5985-00-250-5090>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b third flange all connection facilities

Thread Direction:

Right-hand third flange all connection facilities

Bend Angle In Deg:

90.0 second bend h-plane

End Application:

Landing control central an/spn-42

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

3

Flange Inside Width:

0.360 inches first flange and 0.364 inches first flange

Flange Inside Height:

0.220 inches first flange and 0.224 inches first flange

Flange Outside Width:

0.735 inches second flange and 0.765 inches second flange

Flange Outside Height:

0.735 inches third flange and 0.765 inches third flange

Flange Inside Diameter:

0.500 inches third flange

Flange Depth:

0.195 inches second flange and 0.225 inches second flange

Flange Connecting Hole Diameter:

0.116 inches first flange all connection facilities and 0.118 inches first flange all connection facilities

Voltage Standing Wave Ratio:

1.07

Insertion Loss In Decibels:

0.20

Thready Qty Per Inch (tpi):

40 third flange all connection facilities

Waveguide Outside Width:

Between 0.358 inches and 0.362 inches

Thread Size:

0.112 inches third flange all connection facilities

Waveguide Inside Width:

Between 0.2785 inches and 0.2815 inches

Waveguide Inside Height:

Between 0.1385 inches and 0.1415 inches

Waveguide Outside Height:

Between 0.218 inches and 0.222 inches

Flange Connecting Facility And Quantity:

4 threaded hole third flange all connection facilities

Flange Style:

Cover type first flange

Special Features:

Silver plate flange faces only; do not paint

Flexibility:

Rigid all tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

Flange faces silver

Precious Material:

Silver

Surface Treatment:

Primer all tubing segment and flange outside surfaces and enamel all tubing segment and flange outside surfaces

Thread Series Designator:

Unc third flange all connection facilities

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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