

View Online at <https://aerobasegroup.com/nsn/5985-01-271-7279>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange all connection facilities

Thread Direction:

Right-hand second flange all connection facilities

End Application:

Landing control central an/spn-42

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

3

Flange Inside Width:

0.2786 inches second flange and 0.2814 inches second flange

Flange Inside Height:

0.1386 inches second flange and 0.1414 inches second flange

Flange Outside Width:

0.735 inches second flange and 0.765 inches second flange

Flange Outside Height:

0.735 inches second flange and 0.765 inches second flange

Flange Inside Diameter:

0.485 inches second flange and 0.515 inches second flange

Flange Depth:

0.195 inches second flange and 0.225 inches second flange

Voltage Standing Wave Ratio:

1.08

Insertion Loss In Decibels:

0.20

Thready Qty Per Inch (tpi):

40 second flange all connection facilities

Maximum Operating Pressure:

30.0 pounds per square inch gage

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 0.2785 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

Waveguide Longer Offset Distance:

Between 0.855 inches and 0.865 inches

Flange Connecting Facility And Quantity:

4 threaded hole second flange all connection facilities

Flange Style:

Choke type second flange

Waveguide Length:

Between 1.195 inches and 1.205 inches

Flexibility:

Rigid all tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

Waveguide inner surfaces silver and flange face silver

Precious Material:

Silver

Surface Treatment:

Silver all tubing segment inside surfaces

Style Designator:

Tee, series type

Thread Series Designator:

Unc second 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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