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Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges all connection facilities

Thread Direction:

Right-hand all flanges 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:

2

Flange Inside Width:

0.2786 inches all flanges and 0.2814 inches all flanges

Flange Inside Height:

0.1386 inches all flanges and 0.1414 inches all flanges

Flange Outside Width:

0.735 inches all flanges and 0.765 inches all flanges

Flange Outside Height:

0.735 inches all flanges and 0.765 inches all flanges

Flange Inside Diameter:

0.485 inches all flanges and 0.515 inches all flanges

Flange Depth:

0.195 inches all flanges and 0.225 inches all flanges

Voltage Standing Wave Ratio:

1.07

Insertion Loss In Decibels:

0.20

Thready Qty Per Inch (tpi):

40 all flanges all connection facilities

Waveguide Outside Width:

Between 0.358 inches and 0.362 inches

Thread Size:

0.112 inches all flanges 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 1.515 inches and 1.525 inches

Flange Connecting Facility And Quantity:

4 threaded hole all flanges all connection facilities

Flange Style:

Choke type all flanges

Waveguide Offset Distance:

Between 1.245 inches and 1.255 inches

Special Features:

No. 4-40 thd mtg holes drilled out to 0.114 in. Diameter holes on one flange only

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

Internal surfaces silver and external surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver all tubing segment and flange outside surfaces and paint all tubing segment and flange outside surfaces

Style Designator:

Bend type

Thread Series Designator:

Unc all flanges 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

Fig:

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