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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

End Application:

Radar set an/spg-51d

Tubing Wall Construction Style:

Corrugated single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.867 inches all flanges and 1.877 inches all flanges

Flange Inside Height:

0.867 inches all flanges and 0.877 inches all flanges

Flange Outside Width:

3.480 inches all flanges and 3.520 inches all flanges

Flange Outside Height:

2.480 inches all flanges and 2.520 inches all flanges

Flange Depth:

0.670 inches all flanges and 0.770 inches all flanges

Voltage Standing Wave Ratio:

1.06

Insertion Loss In Decibels:

0.05

Waveguide Outside Width:

Between 1.995 inches and 2.005 inches

Thread Size:

0.250 inches all flanges all connection facilities

Waveguide Inside Width:

Between 1.867 inches and 1.877 inches

Waveguide Inside Height:

Between 0.867 inches and 0.877 inches

Waveguide Outside Height:

Between 0.995 inches and 1.005 inches

Waveguide Longer Offset Distance:

8.120 inches

Flange Connecting Facility And Quantity:

8 threaded hole all flanges all connection facilities

Flange Style:

Contact type all flanges

Waveguide Offset Distance:

7.750 inches

Flexibility:

Flexible single tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Oxide 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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