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Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Radar set an/sps-52

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

2.857 inches all flanges and 2.867 inches all flanges

Flange Inside Height:

1.335 inches all flanges and 1.345 inches all flanges

Flange Outside Width:

4.750 inches all flanges

Flange Outside Height:

3.220 inches all flanges

Flange Depth:

0.305 inches all flanges and 0.330 inches all flanges

Flange Connecting Hole Diameter:

0.281 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.08

Insertion Loss In Decibels:

0.06

Maximum Operating Pressure:

18.2 pounds per square inch gage

Waveguide Outside Width:

Between 2.994 inches and 3.006 inches

Waveguide Inside Width:

Between 2.834 inches and 2.846 inches

Waveguide Inside Height:

Between 1.334 inches and 1.346 inches

Waveguide Outside Height:

Between 1.494 inches and 1.506 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Flange Style:

Contact type all flanges

Waveguide Length:

4.000 inches

Flexibility:

Flexible single tubing segment

Material:

Aluminum alloy all tubing segment and flange

Precious Material And Location:

Internal tubing surface silver

Precious Material:

Silver

Surface Treatment:

Silver single tubing segment inside surfaces

Style Designator:

Straight type

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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