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Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 third bend h-plane

End Application:

An/spn-42 landing control central

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.278 inches all flanges and 0.281 inches all flanges

Flange Inside Height:

0.138 inches all flanges and 0.141 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

Flange Connecting Hole Diameter:

0.116 inches all flanges single connection facility

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.30

Waveguide Outside Width:

Between 0.358 inches and 0.362 inches

Waveguide Inside Width:

Between 0.278 inches and 0.281 inches

Waveguide Inside Height:

Between 0.138 inches and 0.141 inches

Waveguide Outside Height:

Between 0.218 inches and 0.222 inches

Waveguide Longer Offset Distance:

Between 6.520 inches and 6.530 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges single connection facility

Flange Style:

Choke type all flanges

Waveguide Offset Distance:

2.000 inches

Waveguide Center To Center Distance:

Between 2.855 inches and 2.865 inches

Flexibility:

Rigid single tubing segment

Material:

Silver alloy single tubing segment

Precious Material And Location:

Internal surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver all flange inside surfaces

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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