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Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange single connection facility

Thread Direction:

Right-hand first flange single connection facility

Bend Angle In Deg:

90.0 first bend e-plane

End Application:

Radar set an/spg-55

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

2.002 inches second flange and 2.005 inches second flange

Flange Inside Height:

1.002 inches second flange and 2.005 inches second flange

Flange Outside Diameter:

3.625 inches second flange

Flange Depth:

0.938 inches first flange

Flange Connecting Hole Diameter:

0.203 inches second flange single connection facility and 0.209 inches second flange single connection facility

Maximum Operating Pressure:

40.0 pounds per square inch gage

Waveguide Outside Width:

Between 2.170 inches and 2.174 inches

Thread Size:

0.190 inches first flange single connection facility

Waveguide Inside Width:

Between 1.870 inches and 1.874 inches

Waveguide Inside Height:

Between 0.870 inches and 0.874 inches

Waveguide Outside Height:

Between 1.170 inches and 1.174 inches

Waveguide Longer Offset Distance:

Between 18.263 inches and 18.323 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange single connection facility

Flange Style:

Contact type second flange

Waveguide Offset Distance:

5.593 inches

Special Features:

3.500 in. Aluminum bracket mtd. On long leg of waveguide, bracket has two 0.750 in. Lg. By 0.218 in. W. Slots spaced 1.750 in. Apart on centers, tubing wall construction can also be laminated

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Enamel all tubing segment and flange outside surfaces

Style Designator:

Bend type

Thread Series Designator:

Unc first flange single connection facility

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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