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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 third bend h-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 1.005 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

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:

1.172 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange single connection facility

Flange Style:

Contact type second flange

Special Features:

Aluminum angle bracket 3.906 in. Lg. By 1.000 in. H. On one end of waveguide assembly, 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

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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