

View Online at <https://aerobasegroup.com/nsn/5985-00-072-9601>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges first connection facility

Thread Direction:

Right-hand all flanges first connection facility

Bend Angle In Deg:

123.0 single bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.000 inches second flange and 1.006 inches second flange

Flange Inside Height:

0.500 inches second flange and 0.506 inches second flange

Flange Outside Width:

1.625 inches second flange

Flange Outside Height:

1.625 inches first flange

Flange Inside Diameter:

1.013 inches first flange

Flange Depth:

0.438 inches first flange

Flange Connecting Hole Diameter:

0.167 inches all flanges second connection facility and 0.172 inches all flanges second connection facility

Waveguide Outside Width:

Between 0.999 inches and 1.002 inches

Thread Size:

0.164 inches all flanges first connection facility

Waveguide Inside Width:

Between 0.899 inches and 0.902 inches

Waveguide Inside Height:

Between 0.499 inches and 0.502 inches

Waveguide Outside Height:

Between 0.899 inches and 0.902 inches

Waveguide Longer Offset Distance:

11.774 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges second connection facility

Flange Style:

Cover type second flange

Waveguide Offset Distance:

7.603 inches

Special Features:

Tubing wall construction can also be laminated

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

Internal surfaces gold and internal surfaces silver

Precious Material:

Gold and silver

Surface Treatment:

Gold all tubing segment and flange inside surfaces and silver all tubing segment and flange inside surfaces

Style Designator:

Bend type

Thread Series Designator:

Unc all flanges first 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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