

View Online at <https://aerobasegroup.com/nsn/5985-01-246-3216>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange second connection facility

Thread Direction:

Right-hand first flange second connection facility

Bend Angle In Deg:

90.0 third bend h-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.896 inches first flange and 0.904 inches first flange

Flange Inside Height:

0.396 inches first flange and 0.404 inches first flange

Flange Outside Width:

1.610 inches first flange and 1.640 inches first flange

Flange Outside Height:

1.610 inches first flange and 1.640 inches first flange

Flange Inside Diameter:

1.406 inches first flange and 1.437 inches first flange

Flange Depth:

0.423 inches first flange and 0.453 inches first flange

Voltage Standing Wave Ratio:

1.20

Insertion Loss In Decibels:

0.40

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Thread Size:

0.190 inches first flange second connection facility

Waveguide Inside Width:

Between 0.896 inches and 0.904 inches

Waveguide Inside Height:

Between 0.396 inches and 0.404 inches

Waveguide Outside Height:

Between 0.496 inches and 0.504 inches

Flange Connecting Facility And Quantity:

4 threaded hole first flange second connection facility

Waveguide First Leg Length:

1.215 inches

Waveguide Fifth Leg Length:

6.895 inches

Flange Style:

Choke type first flange

Waveguide Second Leg Length:

1.400 inches

Waveguide Third Leg Length:

4.370 inches

Waveguide Fourth Leg Length:

4.400 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Precious Material And Location:

External surfaces gold and external surfaces silver

Precious Material:

Gold and silver

Surface Treatment:

Silver all tubing segment outside surfaces and gold all tubing segment outside surfaces

Style Designator:

Four bend type

Thread Series Designator:

Unf first flange second 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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