

View Online at <https://aerobasegroup.com/nsn/5985-01-282-4596>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

4.295 inches all flanges and 4.305 inches all flanges

Flange Inside Height:

2.145 inches all flanges and 2.155 inches all flanges

Flange Outside Width:

6.320 inches all flanges and 6.360 inches all flanges

Flange Outside Height:

4.170 inches all flanges and 4.210 inches all flanges

Flange Depth:

0.860 inches all flanges and 0.900 inches all flanges

Flange Connecting Hole Diameter:

0.526 inches all flanges first connection facility and 0.536 inches all flanges first connection facility

Voltage Standing Wave Ratio:

1.15

Insertion Loss In Decibels:

0.10

Waveguide Outside Width:

Between 4.452 inches and 4.468 inches

Waveguide Inside Width:

Between 2.302 inches and 2.318 inches

Waveguide Inside Height:

Between 2.142 inches and 2.158 inches

Waveguide Outside Height:

Between 4.292 inches and 4.308 inches

Waveguide Longer Offset Distance:

Between 2.970 inches and 3.030 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges first connection facility

Flange Style:

Contact type all flanges

Waveguide Offset Distance:

Between 2.970 inches and 3.030 inches

Special Features:

Frequency range 1.70 to 2.60 ghz; temperature range minus 45 deg. F to plus 155 deg. F; operating altitude 0 to 10000 ft.

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Bend type

Fsc Application Data:

Waveguides

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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