

View Online at <https://aerobasegroup.com/nsn/5985-01-198-6290>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Tubing Wall Construction Style:

Seamless all tubing segment

Voltage Standing Wave Ratio:

1.15

Insertion Loss In Decibels:

0.10

Maximum Operating Pressure:

20.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.966 inches and 1.004 inches

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 unthreaded hole all flanges single connection facility

Flange Style:

Cover type all flanges

Waveguide Length:

3.220 inches

Waveguide Center To Center Distance:

1.500 inches

Special Features:

Freq range 8.2 to 12.4 ghz

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces

Style Designator:

Offset bend type

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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