

View Online at <https://aerobasegroup.com/nsn/5985-01-200-9511>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Guided missile, intercept

Tubing Wall Construction Style:

Seamless second tubing segment

Flange Quantity:

2

Flange Inside Width:

1.003 inches first flange and 1.006 inches first flange

Flange Inside Height:

0.503 inches first flange and 0.506 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 Depth:

0.423 inches first flange and 0.453 inches first flange

Flange Connecting Hole Diameter:

0.169 inches first flange all connection facilities and 0.172 inches first flange all connection facilities

Voltage Standing Wave Ratio:

1.25

Insertion Loss In Decibels:

0.10

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.996 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

Criticality Code Justification:

Feat

Waveguide Outside Height:

Between 0.496 inches and 0.404 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole first flange all connection facilities

Waveguide First Leg Length:

0.940 inches

Waveguide Fifth Leg Length:

Between 2.590 inches and 2.710 inches

Flange Style:

Cover type first flange

Waveguide Second Leg Length:

2.270 inches

Waveguide Third Leg Length:

4.010 inches

Waveguide Fourth Leg Length:

Between 4.410 inches and 4.530 inches

Special Features:

Weapon system essential

Flexibility:

Rigid second tubing segment

Style Designator:

Four 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

Fiig:

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