

View Online at <https://aerobasegroup.com/nsn/5985-01-519-4851>

Cross Sectional Shape:

Internal, rectangular double ridged external, rectangular

End Application:

B-1b aircraft

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.090 inches all flanges

Flange Inside Height:

0.506 inches all flanges

Flange Outside Width:

1.968 inches all flanges

Flange Outside Height:

1.390 inches all flanges

Flange Depth:

0.250 inches all flanges

Flange Connecting Hole Diameter:

0.144 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.35

Insertion Loss In Decibels:

0.40

Waveguide Outside Width:

1.214 inches

Waveguide Inside Width:

1.090 inches

Waveguide Inside Height:

0.630 inches

Waveguide Outside Height:

0.814 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Waveguide First Leg Length:

Between 6.190 inches and 6.310 inches

Flange Style:

Contact, single ridge type all flanges

Waveguide Second Leg Length:

Between 2.690 inches and 2.810 inches

Waveguide Third Leg Length:

Between 2.940 inches and 3.060 inches

Waveguide Fourth Leg Length:

Between 2.940 inches and 3.060 inches

Special Features:

Waveguide, flexible, non-twistable, double ridge. Frequency 4.75 - 11.0 ghz.

Flexibility:

Flexible all tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Style Designator:

Three bend type

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A073a0