

View Online at <https://aerobasegroup.com/nsn/5985-00-193-3501>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges all connection facilities

Thread Direction:

Right-hand all flanges all connection facilities

End Application:

Test set, airborne weapon control system an/awm-23

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.896 inches all flanges and 0.904 inches all flanges

Flange Inside Height:

0.396 inches all flanges and 0.404 inches all flanges

Flange Outside Width:

1.610 inches all flanges and 1.640 inches all flanges

Flange Outside Height:

1.610 inches all flanges and 1.640 inches all flanges

Flange Depth:

0.423 inches all flanges and 0.453 inches all flanges

Voltage Standing Wave Ratio:

1.15

Insertion Loss In Decibels:

0.10

Thready Qty Per Inch (tpi):

32 all flanges all connection facilities

Maximum Operating Pressure:

120.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Thread Size:

0.164 inches all flanges all connection facilities

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 all flanges single connection facility

Waveguide First Leg Length:

2.750 inches

Waveguide Fifth Leg Length:

4.360 inches

Flange Style:

Choke type all flanges

Waveguide Length:

1.922 feet

Waveguide Second Leg Length:

21.440 inches

Waveguide Third Leg Length:

3.770 inches

Waveguide Center To Center Distance:

3.770 inches

Waveguide Fourth Leg Length:

9.890 inches

Special Features:

Frequency range 8.2 to 12.4 ghz; power 200 kw max; temperature range 0.0 to plus 45.0 degrees c

Flexibility:

Flexible single tubing segment

Material:

Rubber natural single tubing jacket

Precious Material And Location:

Tubing surface silver

Precious Material:

Silver

Surface Treatment:

Silver single tubing segment inside surfaces

Style Designator:

Four bend type

Thread Series Designator:

Unc all flanges all connection facilities

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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