

View Online at <https://aerobasegroup.com/nsn/5985-01-167-8087>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges all connection facilities

Thread Direction:

Right-hand all flanges all connection facilities

Bend Angle In Deg:

20.0 second bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Thready Qty Per Inch (tpi):

32 all flanges all connection facilities

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.997 inches and 1.003 inches

Thread Size:

0.164 inches all flanges all connection facilities

Waveguide Inside Width:

Between 0.897 inches and 0.903 inches

Waveguide Inside Height:

Between 0.397 inches and 0.403 inches

Waveguide Outside Height:

Between 0.497 inches and 0.503 inches

Flange Connecting Facility And Quantity:

10 threaded hole all flanges all connection facilities

Waveguide First Leg Length:

2.375 inches

Waveguide Fifth Leg Length:

10.260 inches

Flange Style:

Contact type all flanges

Waveguide Second Leg Length:

17.340 inches

Waveguide Third Leg Length:

16.211 inches

Waveguide Fourth Leg Length:

7.283 inches

Flexibility:

Rigid single tubing segment

Material:

Metal all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Four bend type

Thread Series Designator:

Unc all flanges all connection facilities

Fsc Application Data:

Antennas, waveguides, and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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