

View Online at <https://aerobasegroup.com/nsn/5985-00-693-4389>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Bend Angle In Deg:

82.0 second bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.897 inches first flange and 0.903 inches first flange

Flange Inside Height:

0.397 inches first flange and 0.403 inches first flange

Flange Outside Width:

1.625 inches first flange

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1.625 inches first flange

Voltage Standing Wave Ratio:

1.16

Waveguide Outside Width:

Between 1.003 inches and 1.006 inches

Thread Size:

0.164 inches first flange 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 0.503 inches and 0.505 inches

Flange Connecting Facility And Quantity:

4 threaded hole first flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Length:

13.188 inches

Waveguide Center To Center Distance:

7.281 inches

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

All surfaces silver

Precious Material:

Silver

Surface Treatment:

Enamel all tubing segment and flange outside surfaces

Style Designator:

Offset bend type

Thread Series Designator:

Unc first flange 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

Fig:

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