

View Online at <https://aerobasegroup.com/nsn/5985-01-093-6020>

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:

90.0 third bend e-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.362 inches second flange and 0.364 inches second flange

Flange Inside Height:

0.222 inches second flange and 0.224 inches second flange

Flange Outside Width:

0.735 inches first flange and 0.765 inches first flange

Flange Outside Height:

0.735 inches first flange and 0.765 inches first flange

Flange Inside Diameter:

0.485 inches first flange and 0.515 inches first flange

Flange Depth:

0.195 inches first flange and 0.225 inches first flange

Flange Connecting Hole Diameter:

0.116 inches second flange all connection facilities and 0.118 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.30

Insertion Loss In Decibels:

0.80

Waveguide Outside Width:

Between 0.358 inches and 0.362 inches

Thread Size:

0.112 inches first flange all connection facilities

Waveguide Inside Width:

Between 0.279 inches and 0.282 inches

Waveguide Inside Height:

Between 0.139 inches and 0.142 inches

Waveguide Outside Height:

Between 0.218 inches and 0.222 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Waveguide First Leg Length:

1.500 inches

Flange Style:

Cover type second flange

Waveguide Second Leg Length:

Between 1.510 inches and 1.550 inches

Waveguide Third Leg Length:

Between 1.485 inches and 1.515 inches

Waveguide Fourth Leg Length:

0.750 inches

Flexibility:

Rigid all tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces and primer all tubing segment and flange outside surfaces

Style Designator:

Three 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

Fiig:

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