

View Online at <https://aerobasegroup.com/nsn/5985-01-154-7480>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 all bends h-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.017 inches all flanges and 1.023 inches all flanges

Flange Inside Height:

0.507 inches all flanges and 0.513 inches all flanges

Flange Outside Width:

1.672 inches all flanges and 1.702 inches all flanges

Flange Outside Height:

1.672 inches all flanges and 1.702 inches all flanges

Flange Depth:

0.485 inches all flanges and 0.515 inches all flanges

Flange Connecting Hole Diameter:

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

Insertion Loss In Decibels:

0.03

Waveguide Outside Width:

Between 1.145 inches and 1.151 inches

Waveguide Inside Width:

Between 1.017 inches and 1.023 inches

Waveguide Inside Height:

Between 0.507 inches and 0.513 inches

Waveguide Outside Height:

Between 0.633 inches and 0.643 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Flange Style:

Cover type all flanges

Waveguide Center To Center Distance:

20.230 inches

Waveguide Height:

3.190 inches

Special Features:

Flange faces free of paint; m 54.0 to p 85.0 degrees c operating temp

Flexibility:

Rigid all tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Double bend type

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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