

View Online at <https://aerobasegroup.com/nsn/5985-01-099-5944>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 single bend h-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.505 inches second flange and 1.508 inches second flange

Flange Inside Height:

0.755 inches second flange and 0.758 inches second flange

Flange Outside Width:

2.670 inches first flange and 2.710 inches first flange

Flange Outside Height:

1.920 inches first flange and 1.960 inches first flange

Flange Outside Diameter:

3.110 inches second flange and 3.140 inches second flange

Flange Depth:

0.480 inches first flange and 0.520 inches first flange

Flange Connecting Hole Diameter:

0.199 inches second flange all connection facilities and 0.203 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.05

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.496 inches and 1.504 inches

Waveguide Inside Width:

Between 1.368 inches and 1.376 inches

Waveguide Inside Height:

Between 0.618 inches and 0.626 inches

Waveguide Outside Height:

Between 0.746 inches and 0.754 inches

Waveguide Longer Offset Distance:

Between 66.490 inches and 66.510 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole first flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

Between 2.365 inches and 2.385 inches

Flexibility:

Rigid all tubing segment

Surface Treatment:

Paint all tubing segment outside surfaces

Style Designator:

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

Fig:

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