

View Online at <https://aerobasegroup.com/nsn/5985-00-866-6458>

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 single bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

2.834 inches first flange and 2.846 inches first flange

Flange Inside Height:

1.334 inches first flange and 1.346 inches first flange

Flange Outside Diameter:

5.298 inches first flange and 5.328 inches first flange

Flange Depth:

1.235 inches first flange and 1.265 inches first flange

Voltage Standing Wave Ratio:

1.06

Thready Qty Per Inch (tpi):

20 first flange all connection facilities

Maximum Operating Pressure:

30.0 pounds per square inch gage

Waveguide Outside Width:

Between 2.994 inches and 3.006 inches

Thread Size:

0.250 inches first flange all connection facilities

Waveguide Inside Width:

Between 2.834 inches and 2.846 inches

Waveguide Inside Height:

Between 1.334 inches and 1.346 inches

Waveguide Outside Height:

Between 1.494 inches and 1.506 inches

Flange Connecting Facility And Quantity:

8 threaded hole first flange all connection facilities

Flange Style:

Choke type first flange

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy single tubing segment and flange

Style Designator:

Three bend type

Supplementary Features:

2.9 to 3.1 ghz; peak power 3.0 megawatt min at 3.0 ghz; avg power 18.0 kw min at 3.0 ghz

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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