

View Online at <https://aerobasegroup.com/nsn/5985-01-332-8069>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges all connection facilities

Thread Direction:

Right-hand all flanges all connection facilities

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.368 inches all flanges and 1.376 inches all flanges

Flange Inside Height:

0.618 inches all flanges and 0.626 inches all flanges

Flange Outside Diameter:

3.110 inches all flanges and 3.140 inches all flanges

Flange Depth:

0.735 inches all flanges and 0.765 inches all flanges

Voltage Standing Wave Ratio:

1.12

Insertion Loss In Decibels:

0.10

Maximum Operating Pressure:

25.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.496 inches and 1.504 inches

Thread Size:

0.190 inches all flanges all connection facilities

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

Flange Connecting Facility And Quantity:

6 threaded hole all flanges all connection facilities

Flange Style:

Choke type all flanges

Waveguide Length:

6.500 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Paint all tubing segment and flange outside surfaces

Style Designator:

Straight type

Supplementary Features:

Frequency 6.89 to 8.45 ghz

Thread Series Designator:

Unf all flanges all connection facilities

Fsc Application Data:

Antennas, waveguides, and related equip

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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