

View Online at <https://aerobasegroup.com/nsn/5985-01-507-0738>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges all connection facilities

Thread Direction:

Right-hand all flanges all connection facilities

End Application:

82739 (88236) transmitter assembly

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.122 inches second flange

Flange Inside Height:

0.497 inches second flange

Flange Outside Width:

1.875 inches second flange

Flange Outside Height:

1.875 inches second flange

Flange Depth:

0.437 inches second flange

Voltage Standing Wave Ratio:

1.10

Waveguide Outside Width:

1.250 inches

Thread Size:

0.138 inches all flanges all connection facilities

Waveguide Inside Width:

1.122 inches

Waveguide Inside Height:

0.497 inches

Waveguide Outside Height:

0.625 inches

Flange Connecting Facility And Quantity:

8 threaded hole all flanges all connection facilities

Flange Style:

Cover type first flange

Waveguide Length:

12.125 inches

Specified Frequency:

Between 8.9 gigahertz and 9.7 gigahertz

Special Features:

Power rating: 250 kw max, 250 w avg

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Style Designator:

Straight type

Thread Series Designator:

Unc all flanges all connection facilities

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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