

View Online at <https://aerobasegroup.com/nsn/5985-00-853-6701>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b all flanges all connection facilities

Thread Direction:

Right-hand all flanges first connection facility

Tubing Wall Construction Style:

Seamless second tubing segment

Flange Quantity:

2

Flange Inside Width:

0.896 inches all flanges and 0.904 inches all flanges

Flange Inside Height:

0.396 inches all flanges and 0.404 inches all flanges

Flange Outside Width:

1.610 inches all flanges and 1.640 inches all flanges

Flange Outside Height:

1.610 inches all flanges and 1.640 inches all flanges

Flange Inside Diameter:

1.407 inches all flanges and 1.437 inches all flanges

Flange Depth:

0.423 inches all flanges and 0.453 inches all flanges

Voltage Standing Wave Ratio:

1.08

Thread Qty Per Inch (tpi):

32 all flanges all connection facilities

Waveguide Outside Width:

Between 0.996 inches and 1.004 inches

Thread Size:

0.164 inches all flanges all connection facilities

Waveguide Inside Width:

Between 0.496 inches and 0.504 inches

Waveguide Inside Height:

Between 0.396 inches and 0.404 inches

Waveguide Outside Height:

Between 0.896 inches and 0.904 inches

Flange Connecting Facility And Quantity:

8 threaded hole all flanges all connection facilities

Flange Style:

Choke type all flanges

Waveguide Center To Center Distance:

Between 2.037 inches and 2.057 inches

Special Features:

Operating temperature minus 55 deg. C to plus 85 deg. C; do not paint flange faces, flange holes, or flexible waveguide section

Flexibility:

Rigid second tubing segment

Material:

Copper alloy all tubing jacket

Precious Material And Location:

Internal and external surfaces silver

Precious Material:

Silver

Surface Treatment:

Nickel all tubing segment and flange all surfaces and copper all tubing segment and flange all surfaces and silver all tubing segment and flange all surfaces

Style Designator:

Offset bend type

Thread Series Designator:

Unc all flanges 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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