

View Online at <https://aerobasegroup.com/nsn/5985-01-070-2469>

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 single tubing segment

Tubing Twist Type:

Twistable single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.118 inches all flanges and 1.126 inches all flanges

Flange Inside Height:

0.493 inches all flanges and 0.501 inches all flanges

Flange Outside Width:

2.480 inches all flanges and 2.520 inches all flanges

Flange Outside Height:

1.730 inches all flanges and 1.770 inches all flanges

Flange Depth:

0.480 inches all flanges and 0.520 inches all flanges

Voltage Standing Wave Ratio:

1.10

Thread Qty Per Inch (tpi):

32 all flanges all connection facilities

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.246 inches and 1.254 inches

Thread Size:

0.164 inches all flanges all connection facilities

Waveguide Inside Width:

Between 1.118 inches and 1.126 inches

Waveguide Inside Height:

Between 0.493 inches and 0.501 inches

Waveguide Outside Height:

Between 0.621 inches and 0.629 inches

Flange Connecting Facility And Quantity:

8 threaded hole all flanges all connection facilities

Flange Style:

Contact type all flanges

Waveguide Length:

Between 2.960 inches and 3.040 inches

Special Features:

8.5 to 9.6 ghz; attenuation 0.08 db/ft; neoprene or ethylene jacket; minus 10 to plus 70 degrees c operating temperature

Flexibility:

Flexible single tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

Tubing internal surface and flange surface silver

Precious Material:

Silver

Surface Treatment:

Silver single tubing segment inside surfaces

Style Designator:

Straight 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

Fig:

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