

View Online at <https://aerobasegroup.com/nsn/5985-01-314-9589>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange single connection facility

Thread Direction:

Right-hand first flange single connection facility

Bend Angle In Deg:

90.0 second bend e-plane

End Application:

Landing control central an/spn-42a

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.362 inches second flange and 0.364 inches second flange

Flange Inside Height:

0.222 inches second flange and 0.224 inches second flange

Flange Outside Width:

0.735 inches first flange and 0.765 inches first flange

Flange Outside Height:

0.735 inches first flange and 0.765 inches first flange

Flange Inside Diameter:

0.485 inches first flange and 0.515 inches first flange

Flange Depth:

0.195 inches first flange and 0.225 inches first flange

Flange Connecting Hole Diameter:

0.116 inches second flange single connection facility and 0.118 inches second flange single connection facility

Voltage Standing Wave Ratio:

1.07

Insertion Loss In Decibels:

0.20

Waveguide Outside Width:

Between 0.358 inches and 0.362 inches

Thread Size:

0.112 inches first flange single connection facility

Waveguide Inside Width:

Between 0.2785 inches and 0.2815 inches

Waveguide Inside Height:

Between 0.1385 inches and 0.1415 inches

Waveguide Outside Height:

Between 0.218 inches and 0.222 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange single connection facility

Flange Style:

Cover type second flange

Waveguide Center To Center Distance:

5.530 inches

Waveguide Height:

2.900 inches

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

Internal surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver all tubing segment and flange inside surfaces

Style Designator:

Double bend type

Supplementary Features:

M40 to p85 degrees c oper temp

Thread Series Designator:

Unc first flange single connection facility

Fsc Application Data:

Antennas, waveguides, and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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