

View Online at <https://aerobasegroup.com/nsn/5985-01-255-6180>

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:

Missile guidance and tracking set an/spg-55b

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

4

Flange Inside Width:

1.003 inches all flanges

Flange Inside Height:

0.503 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 Depth:

0.423 inches all flanges and 0.453 inches all flanges

Voltage Standing Wave Ratio:

1.20

Insertion Loss In Decibels:

0.30

Thready Qty Per Inch (tpi):

32 all flanges all connection facilities

Maximum Operating Pressure:

10.0 pounds per square inch gage

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 0.896 inches and 0.904 inches

Waveguide Inside Height:

Between 0.396 inches and 0.404 inches

Criticality Code Justification:

Supp

Waveguide Outside Height:

Between 0.496 inches and 0.504 inches

Flange Connecting Facility And Quantity:

4 threaded hole all flanges all connection facilities

Flange Style:

Cover type all flanges

Waveguide Length:

4.130 inches

Special Features:

10.250 to 10.450 ghz; isolation 22 db min; operating temperature minus 20 to plus 60 degrees c

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces and paint all tubing segment and flange outside surfaces

Style Designator:

Tee, hybrid type

Supplementary Features:

Magnetic material: keep 4.000 in. Apart, do not store on metal

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:

No

Fiig:

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