

View Online at <https://aerobasegroup.com/nsn/5985-01-203-5793>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2a second flange all connection facilities

Thread Direction:

Right-hand second flange all connection facilities

End Application:

Radar set an/sps-6 (v) 1

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

2.002 inches first flange and 1.003 inches first flange

Flange Inside Height:

1.002 inches first flange and 1.005 inches first flange

Flange Outside Diameter:

3.610 inches second flange and 3.640 inches second flange

Flange Depth:

0.922 inches second flange and 0.953 inches second flange

Flange Connecting Hole Diameter:

0.190 inches first flange all connection facilities and 0.194 inches first flange all connection facilities

Voltage Standing Wave Ratio:

1.15

Insertion Loss In Decibels:

0.10

Waveguide Outside Width:

Between 1.995 inches and 2.005 inches

Thread Size:

0.190 inches second flange all connection facilities

Waveguide Inside Width:

Between 1.867 inches and 1.877 inches

Waveguide Inside Height:

Between 0.867 inches and 0.877 inches

Waveguide Outside Height:

Between 0.995 inches and 1.005 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole first flange all connection facilities

Flange Style:

Cover type first flange

Waveguide Center To Center Distance:

4.062 inches

Waveguide Height:

1.780 inches

Special Features:

Projection w/ 0.125 in. Diameter hole center of waveguide

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy all tubing segment and flange

Surface Treatment:

Primer single tubing segment outside surfaces

Style Designator:

Double bend type

Thread Series Designator:

Unf second flange all connection facilities

Fsc Application Data:

Radar equipment, except airborne

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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