

View Online at <https://aerobasegroup.com/nsn/5985-00-056-9100>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 second bend h-plane

End Application:

Radar set an/apg-59

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.503 inches first flange and 0.505 inches first flange

Flange Inside Height:

0.253 inches first flange and 0.255 inches first flange

Flange Outside Width:

0.860 inches first flange and 0.890 inches first flange

Flange Outside Height:

0.860 inches first flange and 0.890 inches first flange

Flange Depth:

0.173 inches first flange and 0.203 inches first flange

Flange Connecting Hole Diameter:

0.116 inches first flange all connection facilities and 0.118 inches first flange all connection facilities

Voltage Standing Wave Ratio:

1.08

Waveguide Outside Width:

Between 0.497 inches and 0.503 inches

Waveguide Inside Width:

Between 0.418 inches and 0.422 inches

Waveguide Inside Height:

Between 0.168 inches and 0.172 inches

Waveguide Outside Height:

Between 0.247 inches and 0.253 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole first flange all connection facilities

Flange Style:

Cover type first flange

Waveguide Length:

3.596 inches

Waveguide Center To Center Distance:

1.617 inches

Special Features:

Second flange modified

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy first flange

Surface Treatment:

Any acceptable first tubing segment and flange all surfaces

Style Designator:

Offset bend type

Supplementary Features:

W/90 degrees mitre; left hand assembly

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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