

View Online at <https://aerobasegroup.com/nsn/5985-01-116-5287>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Bend Angle In Deg:

90.0 single bend e-plane

End Application:

Radar set an/sps-55

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.118 inches first flange and 1.126 inches first flange

Flange Inside Height:

0.493 inches first flange and 0.501 inches first flange

Flange Outside Width:

1.860 inches first flange and 1.890 inches first flange

Flange Outside Height:

1.860 inches first flange and 1.890 inches first flange

Flange Inside Diameter:

1.610 inches first flange and 1.640 inches first flange

Flange Depth:

0.610 inches first flange and 0.640 inches first flange

Voltage Standing Wave Ratio:

1.05

Waveguide Outside Width:

Between 1.246 inches and 1.254 inches

Thread Size:

0.164 inches first flange 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

Waveguide Longer Offset Distance:

37.172 inches

Flange Connecting Facility And Quantity:

4 threaded hole first flange all connection facilities

Flange Style:

Choke type first flange

Waveguide Offset Distance:

3.375 inches

Flexibility:

Flexible first tubing segmentrigid second tubing segmentrigid third tubing segment

Material:

Aluminum alloy first flange

Style Designator:

Bend type

Thread Series Designator:

Unc first flange all connection facilities

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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