AeroBase Group

View Online at https://aerobasegroup.com/nsn/5985-01-318-5949

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 third bend e-plane

End Application:

Radio terminal set an/trc-170

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.867 inches all flanges and 1.877 inches all flanges

Flange Inside Height:

0.867 inches all flanges and 0.877 inches all flanges

Flange Outside Diameter:

3.610 inches all flanges and 3.640 inches all flanges

Flange Depth:

0.922 inches all flanges and 0.953 inches all flanges

Flange Connecting Hole Diameter:

0.206 inches all flanges all connection facilities and 0.209 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.995 inches and 2.005 inches

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 all flanges all connection facilities

Waveguide First Leg Length:

4.500 inches

Flange Style:

Choke type all flanges

Waveguide Second Leg Length:

4.060 inches

Waveguide Third Leg Length:

6.125 inches

Special Features:

W/one elbow

Flexibility:

Rigid all tubing segment

Material:

Aluminum all flange

Surface Treatment:

Anodize all tubing segment all surfaces

Style Designator:

Three bend type

Supplementary Features:

4.4 to 5.0 ghz elec rqmt range; up to 3 kw power level

Fsc Application Data:

Antennas, waveguides, and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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