

View Online at <https://aerobasegroup.com/nsn/5985-01-318-7869>

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:

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

Voltage Standing Wave Ratio:

1.15

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.995 inches and 2.005 inches

Thread Size:

0.190 inches all flanges 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 threaded hole all flanges all connection facilities

Waveguide First Leg Length:

Between 4.690 inches and 4.810 inches

Waveguide Fifth Leg Length:

Between 4.280 inches and 4.400 inches

Flange Style:

Choke type all flanges

Waveguide Second Leg Length:

Between 1.940 inches and 2.060 inches

Waveguide Sixth Leg Length:

Between 5.190 inches and 5.310 inches

Waveguide Third Leg Length:

Between 2.940 inches and 3.060 inches

Waveguide Fourth Leg Length:

Between 38.840 inches and 38.960 inches

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange all surfaces

Style Designator:

Five bend type

Thread Series Designator:

Unf all flanges all connection facilities

Fsc Application Data:

Communications equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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