

View Online at <https://aerobasegroup.com/nsn/5985-01-318-8085>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2a third flange all connection facilities

Thread Direction:

Right-hand third flange all connection facilities

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:

3

Flange Inside Width:

1.867 inches third flange and 1.877 inches third flange

Flange Inside Height:

0.867 inches third flange and 0.877 inches third flange

Flange Outside Diameter:

3.610 inches third flange and 3.640 inches third flange

Flange Depth:

0.923 inches third flange and 0.953 inches third flange

Voltage Standing Wave Ratio:

1.10

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

2.000 inches

Thread Size:

0.190 inches third flange all connection facilities

Waveguide Inside Width:

1.872 inches

Waveguide Inside Height:

0.872 inches

Waveguide Outside Height:

1.000 inches

Flange Connecting Facility And Quantity:

8 threaded hole third flange all connection facilities

Flange Style:

Choke type third flange

Waveguide Second Leg Length:

6.000 inches

Waveguide Third Leg Length:

4.250 inches

Waveguide Fourth Leg Length:

5.350 inches

Flexibility:

Rigid third tubing segment

Material:

Copper alloy second tubing segment

Precious Material And Location:

Internal surfaces silver

Precious Material:

Silver

Surface Treatment:

Anodize third tubing segment all surfaces

Style Designator:

Three bend type

Thread Series Designator:

Unf third flange all connection facilities

Fsc Application Data:

Antennas, waveguides, and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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