

View Online at <https://aerobasegroup.com/nsn/5985-01-318-6667>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange all connection facilities

Thread Direction:

Right-hand second flange all connection facilities

End Application:

Radio terminal set an/trc-170

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.867 inches second flange and 1.877 inches second flange

Flange Inside Height:

0.867 inches second flange and 0.877 inches second flange

Flange Outside Diameter:

3.610 inches second flange and 3.640 inches second flange

Flange Depth:

0.922 inches second flange and 0.953 inches second flange

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

Thread Size:

0.190 inches second flange 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 second flange all connection facilities

Flange Style:

Choke type second flange

Waveguide Length:

5.125 inches

Special Features:

4.4 to 5.0 ghz freq range

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy single tubing segment

Surface Treatment:

Anodize single tubing segment all surfaces

Style Designator:

Straight type

Supplementary Features:

Subjected to power levels up to 3 kw

Thread Series Designator:

Unf second flange all connection facilities

Fsc Application Data:

Antennas, waveguides, and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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