

View Online at <https://aerobasegroup.com/nsn/5985-01-318-7867>

**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 h-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 first flange and 1.877 inches first flange

**Flange Inside Height:**

0.867 inches first flange and 0.877 inches first flange

**Flange Outside Diameter:**

3.610 inches first flange and 3.640 inches first flange

**Flange Depth:**

0.922 inches first flange and 0.953 inches first flange

**Voltage Standing Wave Ratio:**

1.05

**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 first 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

**Waveguide Longer Offset Distance:**

4.750 inches

**Flange Connecting Facility And Quantity:**

8 threaded hole first flange all connection facilities

**Flange Style:**

Choke type first flange

**Waveguide Offset Distance:**

2.200 inches

**Special Features:**

W/waveguide bend

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy first tubing jacket

**Surface Treatment:**

Anodize all tubing segment all surfaces

**Style Designator:**

Elbow type

**Supplementary Features:**

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

**Thread Series Designator:**

Unf first flange all connection facilities

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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