

View Online at <https://aerobasegroup.com/nsn/5985-00-563-1568>

**Unable To Decode:**

Internal, rectangular external, rectangular

**End Application:**

Radar set an/tps-43e

**Tubing Wall Construction Style:**

Straight seam single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

2.840 inches all flanges

**Flange Inside Height:**

1.340 inches all flanges

**Flange Outside Width:**

4.250 inches all flanges

**Flange Outside Height:**

2.750 inches all flanges

**Flange Depth:**

0.360 inches all flanges

**Flange Connecting Hole Diameter:**

0.216 inches all flanges first connection facility and 0.222 inches all flanges first connection facility

**Voltage Standing Wave Ratio:**

1.08

**Insertion Loss In Decibels:**

0.06

**Maximum Operating Pressure:**

35.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 2.994 inches and 3.006 inches

**Waveguide Inside Width:**

Between 2.834 inches and 2.846 inches

**Waveguide Inside Height:**

Between 1.334 inches and 1.346 inches

**Waveguide Outside Height:**

Between 1.494 inches and 1.506 inches

**Flange Connecting Facility And Quantity:**

6 unthreaded hole all flanges first connection facility

**Flange Style:**

Contact type all flanges

**Waveguide Length:**

1.167 feet

**Special Features:**

Freq range 2.9 to 3.1 ghz

**Flexibility:**

Flexible single tubing segment

**Material:**

Rubber natural single tubing jacket

**Surface Treatment:**

Paint all flange outside surfaces

**Style Designator:**

Straight type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0