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**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Radar set an/sps-52

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

2.857 inches all flanges and 2.867 inches all flanges

**Flange Inside Height:**

1.335 inches all flanges and 1.345 inches all flanges

**Flange Outside Width:**

4.750 inches all flanges

**Flange Outside Height:**

3.220 inches all flanges

**Flange Depth:**

0.305 inches all flanges and 0.330 inches all flanges

**Flange Connecting Hole Diameter:**

0.281 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.08

**Insertion Loss In Decibels:**

0.06

**Maximum Operating Pressure:**

18.2 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:**

8 unthreaded hole all flanges all connection facilities

**Flange Style:**

Contact type all flanges

**Waveguide Length:**

4.000 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Precious Material And Location:**

Internal tubing surface silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver single tubing segment inside 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

**Fiig:**

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