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**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

6.490 inches all flanges and 6.510 inches all flanges

**Flange Inside Height:**

1.620 inches all flanges and 1.630 inches all flanges

**Flange Outside Width:**

8.648 inches all flanges and 8.688 inches all flanges

**Flange Outside Height:**

5.458 inches second flange

**Flange Depth:**

0.918 inches all flanges and 0.958 inches all flanges

**Voltage Standing Wave Ratio:**

1.05

**Maximum Operating Pressure:**

25.0 pounds per square inch gage

**Waveguide Outside Width:**

7.125 inches

**Waveguide Inside Width:**

6.500 inches

**Waveguide Inside Height:**

3.250 inches

**Waveguide Outside Height:**

3.875 inches

**Flange Connecting Facility And Quantity:**

10 unthreaded hole all flanges single connection facility

**Flange Style:**

Contact type all flanges

**Waveguide Length:**

Between 5.655 inches and 5.685 inches

**Special Features:**

Flanges masked after iridite

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy 6061 all flange

**Surface Treatment:**

Chromate single tubing segment and flange all surfaces and varnish single tubing segment and flange all surfaces

**Style Designator:**

Straight type

**Fsc Application Data:**

Radar set, guided missile

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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