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**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 third bend h-plane

**End Application:**

An/spn-42 landing control central

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.278 inches all flanges and 0.281 inches all flanges

**Flange Inside Height:**

0.138 inches all flanges and 0.141 inches all flanges

**Flange Outside Width:**

0.735 inches all flanges and 0.765 inches all flanges

**Flange Outside Height:**

0.735 inches all flanges and 0.765 inches all flanges

**Flange Inside Diameter:**

0.485 inches all flanges and 0.515 inches all flanges

**Flange Depth:**

0.195 inches all flanges and 0.225 inches all flanges

**Flange Connecting Hole Diameter:**

0.116 inches all flanges single connection facility

**Voltage Standing Wave Ratio:**

1.10

**Insertion Loss In Decibels:**

0.30

**Waveguide Outside Width:**

Between 0.358 inches and 0.362 inches

**Waveguide Inside Width:**

Between 0.278 inches and 0.281 inches

**Waveguide Inside Height:**

Between 0.138 inches and 0.141 inches

**Waveguide Outside Height:**

Between 0.218 inches and 0.222 inches

**Waveguide Longer Offset Distance:**

Between 6.520 inches and 6.530 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges single connection facility

**Flange Style:**

Choke type all flanges

**Waveguide Offset Distance:**

2.000 inches

**Waveguide Center To Center Distance:**

Between 2.855 inches and 2.865 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Silver alloy single tubing segment

**Precious Material And Location:**

Internal surfaces silver

**Precious Material:**

Silver

**Surface Treatment:**

Silver all flange inside surfaces

**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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