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**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 fourth bend e-plane

**End Application:**

Transmitting set, aircraft approach control an/trn-28 and transmitting set, aircraft approach control an/trn-28a; an/spn-41, 41a and an/trn-28

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.705 inches all flanges

**Flange Inside Height:**

0.394 inches all flanges

**Flange Outside Width:**

1.298 inches all flanges and 1.328 inches all flanges

**Flange Outside Height:**

1.298 inches all flanges and 1.328 inches all flanges

**Flange Depth:**

0.298 inches all flanges and 0.328 inches all flanges

**Flange Connecting Hole Diameter:**

0.144 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.10

**Waveguide Outside Width:**

Between 0.699 inches and 0.705 inches

**Waveguide Inside Width:**

Between 0.6195 inches and 0.6245 inches

**Waveguide Inside Height:**

Between 0.3085 inches and 0.3135 inches

**Waveguide Outside Height:**

Between 0.388 inches and 0.394 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Waveguide First Leg Length:**

1.563 inches

**Waveguide Fifth Leg Length:**

1.000 inches

**Flange Style:**

Cover type all flanges

**Waveguide Second Leg Length:**

1.563 inches

**Waveguide Sixth Leg Length:**

0.875 inches

**Waveguide Third Leg Length:**

6.562 inches

**Waveguide Fourth Leg Length:**

1.875 inches

**Flexibility:**

Rigid fifth tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Style Designator:**

Five bend 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:**

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