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**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Aircraft control approach central, an/spn-35a; radar set, an/tpn- ( )

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.253 inches second flange and 1.256 inches second flange

**Flange Inside Height:**

0.628 inches second flange and 0.631 inches second flange

**Flange Outside Width:**

1.860 inches second flange and 1.890 inches second flange

**Flange Outside Height:**

1.860 inches second flange and 1.890 inches second flange

**Flange Inside Diameter:**

1.610 inches first flange and 1.640 inches first flange

**Flange Depth:**

0.610 inches first flange and 0.640 inches first flange

**Flange Connecting Hole Diameter:**

0.169 inches second flange all connection facilities and 0.172 inches second flange all connection facilities

**Waveguide Outside Width:**

Between 1.253 inches and 1.256 inches

**Waveguide Inside Width:**

Between 1.118 inches and 1.126 inches

**Waveguide Inside Height:**

Between 0.493 inches and 0.501 inches

**Waveguide Outside Height:**

Between 0.628 inches and 0.631 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Center To Center Distance:**

Between 14.709 inches and 14.729 inches

**Waveguide Height:**

Between 1.365 inches and 1.385 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

Anodize all tubing segment and flange outside surfaces

**Style Designator:**

Double 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

**Fiig:**

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