

View Online at <https://aerobasegroup.com/nsn/5985-01-333-2897>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Transmitting set, radar an/tpt-t (v)

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.503 inches all flanges

**Flange Inside Height:**

0.753 inches all flanges

**Flange Outside Diameter:**

3.110 inches all flanges and 3.140 inches all flanges

**Flange Depth:**

0.360 inches all flanges and 0.390 inches all flanges

**Flange Connecting Hole Diameter:**

0.199 inches all flanges all connection facilities and 0.203 inches all flanges all connection facilities

**Voltage Standing Wave Ratio:**

1.12

**Insertion Loss In Decibels:**

0.10

**Maximum Operating Pressure:**

45.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.496 inches and 1.504 inches

**Waveguide Inside Width:**

Between 1.368 inches and 1.376 inches

**Waveguide Inside Height:**

Between 0.618 inches and 0.626 inches

**Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

**Flange Connecting Facility And Quantity:**

6 unthreaded hole all flanges all connection facilities

**Flange Style:**

Cover type all flanges

**Waveguide Length:**

Between 11.720 inches and 11.780 inches

**Waveguide Center To Center Distance:**

Between 2.030 inches and 2.090 inches

**Flexibility:**

Flexible single tubing segment

**Material:**

Rubber silicone single tubing jacket

**Surface Treatment:**

Paint all flange outside surfaces

**Style Designator:**

Offset 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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