

View Online at <https://aerobasegroup.com/nsn/5985-01-350-9020>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 all bends e-plane

**End Application:**

An/tps-43e ulsa

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Voltage Standing Wave Ratio:**

1.10

**Maximum Operating Pressure:**

35.0 pounds per square inch gage

**Waveguide Outside Width:**

3.560 inches

**Waveguide Inside Width:**

2.840 inches

**Waveguide Inside Height:**

1.340 inches

**Waveguide Outside Height:**

2.680 inches

**Flange Connecting Facility And Quantity:**

14 unthreaded hole all flanges all connection facilities

**Flange Style:**

Contact, double ridge type all flanges

**Waveguide Center To Center Distance:**

4.110 inches

**Waveguide Height:**

4.580 inches

**Special Features:**

Operating temp., -40 deg.C. To +49 deg.C.; nonoperating, -57 deg.C. To +68 deg.C.; thermal shock, humidity, vibration, shock, salt, and fungus resistant; rf leakage, at least 90 db below the level of rf fields and internal signal paths; isolation, at least 90 db between external rf fields and internal signal paths

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Chromate first tubing segment and flange outside surfaces

**Style Designator:**

Double bend type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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