

View Online at <https://aerobasegroup.com/nsn/5985-00-415-2264>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 single bend e-plane

**End Application:**

Radar set an/tps-32

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

2.834 inches all flanges and 2.846 inches all flanges

**Flange Inside Height:**

1.334 inches all flanges and 1.346 inches all flanges

**Flange Depth:**

0.810 inches all flanges

**Voltage Standing Wave Ratio:**

1.05

**Maximum Operating Pressure:**

35.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 2.994 inches and 3.006 inches

**Waveguide Inside Width:**

Between 2.834 inches and 2.846 inches

**Waveguide Inside Height:**

Between 1.334 inches and 1.346 inches

**Waveguide Outside Height:**

Between 1.494 inches and 1.506 inches

**Waveguide Longer Offset Distance:**

Between 3.970 inches and 4.030 inches

**Flange Style:**

Contact, for single ridge waveguide all flanges

**Waveguide Offset Distance:**

Between 3.970 inches and 4.030 inches

**Special Features:**

Frequency range 2.7 ghz to 3.2 ghz

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Elbow type

**Fsc Application Data:**

Antennas, waveguides and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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