

View Online at <https://aerobasegroup.com/nsn/5985-01-507-2519>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b all flanges all connection facilities

**Thread Direction:**

Right-hand all flanges all connection facilities

**Bend Angle In Deg:**

75.0 single bend e-plane

**End Application:**

Ab-1406/spn-35c, yoke assembly; wsd: radar & iff system

**Flange Quantity:**

2

**Flange Inside Width:**

1.118 inches all flanges and 1.126 inches all flanges

**Flange Inside Height:**

0.493 inches all flanges and 0.501 inches all flanges

**Flange Outside Width:**

1.860 inches all flanges and 1.890 inches all flanges

**Flange Outside Height:**

1.860 inches all flanges and 1.890 inches all flanges

**Flange Depth:**

0.610 inches all flanges and 0.640 inches all flanges

**Waveguide Outside Width:**

1.250 inches

**Thread Size:**

0.164 inches all flanges all connection facilities

**Waveguide Inside Width:**

1.122 inches

**Waveguide Longer Offset Distance:**

54.000 inches

**Flange Connecting Facility And Quantity:**

8 threaded hole all flanges all connection facilities

**Flange Style:**

Choke type all flanges

**Waveguide Offset Distance:**

1.940 inches

**Specified Frequency:**

Between 7.05 gigahertz and 10.00 gigahertz

**Special Features:**

Avg prf: 2500 hz; peak power: 200 kw max; mfg name: waveguide, strongback

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

Enamel all tubing segment and flange outside surfaces

**Style Designator:**

Bend type

**Thread Series Designator:**

Unc all flanges all connection facilities

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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