

View Online at <https://aerobasegroup.com/nsn/5985-01-507-2532>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

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

**Flange Quantity:**

2

**Flange Inside Width:**

1.255 inches all flanges and 1.258 inches all flanges

**Flange Inside Height:**

0.630 inches all flanges and 0.633 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:**

0.423 inches all flanges and 0.453 inches all flanges

**Flange Connecting Hole Diameter:**

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

**Waveguide Outside Width:**

1.250 inches

**Waveguide Inside Width:**

1.122 inches

**Waveguide Inside Height:**

0.497 inches

**Waveguide Outside Height:**

0.625 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges all connection facilities

**Flange Style:**

Cover type all flanges

**Specified Frequency:**

Between 7.05 gigahertz and 10.00 gigahertz

**Special Features:**

Avg prf: 2500 hz; peak power: 200 kw max; style designator: combination of b2 e-plane and b7 elbow type with dimensions: 4.69 x 2.31 x 1.27 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Surface Treatment:**

Enamel all tubing segment and flange outside surfaces

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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