

View Online at <https://aerobasegroup.com/nsn/5985-01-503-6228>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 single bend e-plane

**End Application:**

Wsd: defense meteorological satellite program (dmsp)

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.620 inches all flanges and 0.624 inches all flanges

**Flange Inside Height:**

0.309 inches all flanges and 0.313 inches all flanges

**Flange Outside Width:**

1.297 inches all flanges and 1.327 inches all flanges

**Flange Outside Height:**

1.297 inches all flanges and 1.327 inches all flanges

**Flange Depth:**

0.423 inches all flanges and 0.453 inches all flanges

**Flange Connecting Hole Diameter:**

0.144 inches all flanges all connection facilities and 0.147 inches all flanges all connection facilities

**Maximum Operating Pressure:**

50.0 pounds per square inch gage

**Waveguide Outside Width:**

0.702 inches

**Waveguide Inside Width:**

0.622 inches

**Waveguide Inside Height:**

0.311 inches

**Waveguide Outside Height:**

0.391 inches

**Waveguide Longer Offset Distance:**

Between 1.970 inches and 2.030 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole all flanges all connection facilities

**Flange Style:**

Cover type all flanges

**Waveguide Offset Distance:**

Between 1.970 inches and 2.030 inches

**Specified Frequency:**

Between 13.2 gigahertz and 14.2 gigahertz

**Special Features:**

Detect visible arc by optical detector; peak pwr: 115 kw min, 160 kw max; vswr: 1.15: 1; operating temp: -25 to +125 degrees f; storage temp: -40 to +145 degrees f

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Style Designator:**

Bend type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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