

View Online at <https://aerobasegroup.com/nsn/5985-00-548-4213>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 second bend e-plane

**End Application:**

Sprunace class dd (963); oliver perry class ffg; virginia class cgn (41); kidd class ddg; fire control system, mk 92 (fcs); gun fire control system, mk 86

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.897 inches all flanges and 0.903 inches all flanges

**Flange Inside Height:**

0.397 inches all flanges and 0.403 inches all flanges

**Flange Outside Width:**

2.070 inches all flanges and 2.110 inches all flanges

**Flange Outside Height:**

1.570 inches all flanges and 1.610 inches all flanges

**Flange Depth:**

0.480 inches all flanges and 0.520 inches all flanges

**Flange Connecting Hole Diameter:**

0.167 inches all flanges single connection facility and 0.171 inches all flanges single connection facility

**Voltage Standing Wave Ratio:**

1.10

**Insertion Loss In Decibels:**

0.05

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

1.000 inches

**Waveguide Inside Width:**

0.900 inches

**Waveguide Inside Height:**

0.400 inches

**Criticality Code Justification:**

Feat

**Waveguide Outside Height:**

0.500 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole all flanges single connection facility

**Flange Style:**

Contact type all flanges

**Special Features:**

Weapon system essential

**Flexibility:**

Rigid single tubing segment

**Material:**

Aluminum alloy single tubing segment

**Surface Treatment:**

Paint 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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