

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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