

View Online at <https://aerobasegroup.com/nsn/5985-01-273-4203>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Arleigh burke class ddg; missile system, aegis surface (sms) mk 7; ticonderoga class cg (47)

Tubing Wall Construction Style:

Corrugated single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.178 inches all flanges and 1.180 inches all flanges

Flange Inside Height:

0.497 inches all flanges

Flange Outside Width:

2.500 inches all flanges

Flange Outside Height:

1.750 inches all flanges

Flange Depth:

0.340 inches all flanges

Voltage Standing Wave Ratio:

1.10

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.178 inches and 1.180 inches

Waveguide Inside Width:

1.102 inches

Waveguide Inside Height:

0.497 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Flange Style:

Contact type all flanges

Waveguide Length:

4.250 inches

Special Features:

Waveguide includes seven copper fins mounted on exterior of waveguide

Flexibility:

Flexible single tubing segment

Material:

Copper alloy single tubing segment and flange

Surface Treatment:

Copper single tubing segment and flange outside surfaces and oxide single tubing segment and flange outside surfaces

Style Designator:

Straight type

Fsc Application Data:

Antennas, waveguides, and related equip.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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