

View Online at <https://aerobasegroup.com/nsn/5985-01-060-3457>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Radar set an/spg-51c

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Outside Diameter:

3.750 inches second flange

Flange Depth:

0.800 inches first flange

Flange Connecting Hole Diameter:

0.219 inches first flange all connection facilities and 0.222 inches first flange all connection facilities

Voltage Standing Wave Ratio:

1.15

Insertion Loss In Decibels:

0.07

Maximum Operating Pressure:

10.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.713 inches and 1.723 inches

Waveguide Inside Width:

Between 1.585 inches and 1.595 inches

Waveguide Inside Height:

Between 0.790 inches and 0.800 inches

Waveguide Outside Height:

Between 0.918 inches and 0.928 inches

Flange Connecting Facility And Quantity:

6 unthreaded hole first flange all connection facilities

Special Features:

Jacket: unichrome no. 219p4 primer with black unichrome super 5300 jacket 0.01 in. Thick; peak power 0-35 kw; ambient temperature rang 0 to plus 65 degrees c

Flexibility:

Rigid fifth tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Paint all flange outside surfaces

Style Designator:

Offset bend type

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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