

View Online at <https://aerobasegroup.com/nsn/5985-01-351-7189>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Radar set an/usc-3 (v) 1

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Voltage Standing Wave Ratio:

1.20

Maximum Operating Pressure:

15.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.302 inches and 0.306 inches

Waveguide Inside Width:

Between 0.223 inches and 0.225 inches

Waveguide Inside Height:

Between 0.111 inches and 0.113 inches

Criticality Code Justification:

Feat

Waveguide Outside Height:

Between 0.190 inches and 0.194 inches

Waveguide First Leg Length:

0.880 inches

Waveguide Second Leg Length:

2.690 inches

Waveguide Third Leg Length:

2.880 inches

Waveguide Fourth Leg Length:

0.192 inches

Special Features:

Item -8 is not same item as -9

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Chromate all tubing segment and flange outside surfaces and paint all tubing segment and flange outside surfaces

Style Designator:

Three bend type

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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