

View Online at <https://aerobasegroup.com/nsn/5985-01-082-0711>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

Communications terminal satellite, an/fsc 78 & 79; communications terminal satellite an/gsc-3 (v) 1

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.368 inches all flanges and 1.376 inches all flanges

Flange Inside Height:

0.618 inches all flanges and 0.626 inches all flanges

Flange Outside Width:

2.670 inches all flanges and 2.710 inches all flanges

Flange Outside Height:

1.920 inches all flanges and 1.960 inches all flanges

Flange Depth:

0.480 inches all flanges and 0.520 inches all flanges

Flange Connecting Hole Diameter:

0.196 inches all flanges all connection facilities and 0.200 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.10

Maximum Operating Pressure:

45.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.496 inches and 1.504 inches

Waveguide Inside Width:

Between 1.368 inches and 1.376 inches

Waveguide Inside Height:

Between 0.618 inches and 0.626 inches

Waveguide Outside Height:

Between 0.746 inches and 0.754 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges all connection facilities

Flange Style:

Contact type all flanges

Waveguide Length:

18.000 inches

Flexibility:

Flexible all tubing segment

Material:

Copper alloy single tubing segment

Precious Material And Location:

Internal surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver single tubing segment inside surfaces

Style Designator:

Straight type

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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