

View Online at <https://aerobasegroup.com/nsn/5985-00-097-6289>

Application Design:

Waveguide

Body Material:

Aluminum alloy

Body Style:

Rectangular, terminal/terminals on opposite surfaces

Terminal Material:

Aluminum

Terminal Surface Treatment:

Painted

Body Surface Treatment:

Enamel

Overall Length:

Between 7.090 inches and 7.110 inches

Center To Center Distance Between Mounting Facilities Parallel To Width:

0.994 inches

Overall Height:

Between 1.298 inches and 1.328 inches

Overall Width:

Between 1.298 inches and 1.328 inches

Mounting Hole/stud Quantity:

4

Inside Width:

0.622 inches

Unthreaded Mounting Hole Diameter:

Between 0.144 inches and 0.147 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

0.956 inches

Inside Height:

0.311 inches

Voltage Standing Wave Ratio:

1.15

Power Rating:

5.0 watts average

Rf Signal Attenuation In Decibels:

3.0

Voltage Standing Wave Ratio Frequency Range:

+12.4 to 18.0 gigahertz

Waveguide Flange Type:

Cover

Waveguide Flange Designation:

Ug-419/u

Attenuation Accuracy In Decibels:

-0.30/+0.30

Waveguide Designation:

Rg-91/u

Mounting Method:

Unthreaded hole

Terminal Type And Quantity:

2 flange

Frequency Range:

Between 12.4000 gigahertz and 18.000 gigahertz

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A20000