

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