

View Online at <https://aerobasegroup.com/nsn/5985-01-506-6508>

**Application Design:**

Transmission line

**Body Material:**

Aluminum alloy

**Body Style:**

Rectangular, terminal/terminals on opposite surfaces

**Overall Length:**

6.890 inches

**Center To Center Distance Between Mounting Facilities Parallel To Width:**

Between 2.240 inches and 2.260 inches

**Overall Height:**

3.150 inches

**Overall Width:**

3.150 inches

**Mounting Hole/stud Quantity:**

8

**Center To Center Distance Between Mounting Facilities Parallel To Height:**

Between 2.240 inches and 2.260 inches

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**End Application:**

7416950- (53711), wld-1(v) radio equipment cabinet, dls

**Voltage Standing Wave Ratio:**

1.10 and 1.15

**Input Impedance Rating In Ohms:**

50.0

**Output Impedance Rating In Ohms:**

50.0

**Coaxial Connector Series Designation:**

N

**Power Rating:**

150.0 watts average

**Rf Signal Attenuation In Decibels:**

40.0

**Voltage Standing Wave Ratio Frequency Range:**

+0.0/+2.0 gigahertz and +2.0/+5.0 gigahertz

**Mounting Facility Thread Size And Series/type Designator:**

6-32 unc

**Attenuation Accuracy In Decibels:**

-1.50/+1.50

**Temperature Sensitivity Attenuation In Decibels:**

0.0004

**Connection Type Per Function:**

Female input and male output

**Unpackaged Unit Weight:**

2.500 pounds

**Mounting Method:**

Threaded hole

**Terminal Type And Quantity:**

2 connector

**Frequency Range:**

Between 0.000 hertz and 5.000 gigahertz

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A20000