

View Online at <https://aerobasegroup.com/nsn/5985-01-216-2023>

**Application Design:**

Transmission line

**Body Material:**

Steel, corrosion resisting

**Body Style:**

1b round, terminal/terminals in opposite surface

**Terminal Material:**

Steel, corrosion resisting

**Terminal Surface Treatment:**

Passivated

**Body Surface Treatment:**

Passivated

**Overall Length:**

Between 1.827 inches and 1.837 inches

**Overall Diameter:**

0.840 inches

**Operating Temperature Range:**

+0.0 to 85.0 degrees celsius

**End Application:**

Radar set an/fps-115

**Voltage Standing Wave Ratio:**

1.15

**Input Impedance Rating In Ohms:**

50.0

**Output Impedance Rating In Ohms:**

50.0

**Coaxial Connector Series Designation:**

N

**Power Rating:**

2.0 watts average and 500.0 watts peak

**Rf Signal Attenuation In Decibels:**

6.5

**Voltage Standing Wave Ratio Frequency Range:**

+420.0 to 450.0 megahertz

**Attenuation Accuracy Reference Frequency:**

435.0 megahertz

**Attenuation Accuracy In Decibels:**

-0.15 to 0.15

**Frequency Sensitivity Attenuation In Decibels:**

0.30

**Temperature Sensitivity Attenuation In Decibels:**

Not rated

**Connection Type Per Function:**

Female output and male input

**Unpackaged Unit Weight:**

2.500 ounces

**Mounting Method:**

Connector

**Terminal Type And Quantity:**

2 connector

**Frequency Range:**

Between 420.000 megahertz and 450.000 megahertz

**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