

View Online at <https://aerobasegroup.com/nsn/5985-01-068-1657>

**Application Design:**

Transmission line

**Body Style:**

Coaxial type

**Overall Length:**

3.690 inches

**Overall Height:**

2.590 inches

**Overall Width:**

1.870 inches

**First Flat Length:**

0.500 inches

**Flat Height:**

0.225 inches

**Scale Linearity:**

Linear

**Scale Division Quantity:**

70

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.750 inches

**Distance Between Mounting Facility Centers:**

1.120 inches

**Operating Temperature Range:**

-20.0/+125.0 degrees celsius

**Voltage Standing Wave Ratio:**

1.20

**Coaxial Connector Series Designation:**

Bn

**Power Rating:**

500.0 milliwatts average and 1.0 kilowatts peak

**Mounting Facility Screw Thread Series Designator:**

Unc

**Insertion Loss At Minimum Attenuation In Maximum Decibels:**

0.3

**Overall Attenuation Range In Decibels:**

+0.0/+70.0

**Attenuation Accuracy Reference Frequency:**

30.0 megahertz

**Attenuation Variation Method:**

Stepped

**Step Position Quantity:**

10

**Attenuation Per Step In Decibels:**

1.0

**Vernier Scale Division Quantity:**

10

**Mounting Facility Type And Quantity:**

2 threaded hole

**Frequency Range:**

Between 0.000 gigahertz and 2.000 gigahertz

**Segment Attenuation Accuracy In Decibels:**

-0.20/+0.20

**Mounting Thread Quantity:**

32 per inch

**Adjustment Device Type And Quantity:**

1 shaft

**Mounting Facility Pattern:**

Two position in-line

**Shaft Type:**

Round, flatted

**Mounting Facility Screw Thread Diameter:**

0.164 inches

**Impedance Rating In Ohms:**

50.0 input-output

**Terminal Type And Quantity:**

2 connector, coaxial, female

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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