

View Online at <https://aerobasegroup.com/nsn/5985-00-839-4406>

**Application Design:**

Transmission line

**Body Material:**

Steel, stainless

**Body Style:**

Err-090

**Body Surface Treatment:**

Passivated

**Overall Length:**

Between 8.125 inches and 8.375 inches

**Overall Diameter:**

0.781 inches

**Operating Temperature Range:**

+0.0/+65.0 degrees celsius

**Voltage Standing Wave Ratio:**

1.25 and 1.30

**Input Impedance Rating In Ohms:**

50.0

**Output Impedance Rating In Ohms:**

50.0

**Coaxial Connector Series Designation:**

N

**Power Rating:**

5.0 watts average and 10.0 kilowatts peak

**Rf Signal Attenuation In Decibels:**

3.0

**Voltage Standing Wave Ratio Frequency Range:**

+1.0/+10.0 gigahertz and +10.0/+12.4 gigahertz

**Mounting Method:**

Connector

**Terminal Type And Quantity:**

2 connector

**Frequency Range:**

Between 1.000 gigahertz and 12.400 gigahertz

**Special Features:**

2000.0 hr life; 6000.0 ft operating alt

**Test Data Document:**

12436-810001-439 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A20000