

View Online at <https://aerobasegroup.com/nsn/5985-00-416-4819>

**Application Design:**

Transmission line

**Body Material:**

Steel, qq-s-763, class 303, cond a or brass, qq-b-626, comp 22, 1/2h

**Body Style:**

Round, terminal/terminals in opposite surface

**Terminal Material:**

Steel, qq-s-763, class 303, cond a or brass, qq-b-626, comp 22, 1/2h

**Terminal Surface Treatment:**

Passivated, qq-p-35 or gold plated, mil-g-45204

**Body Surface Treatment:**

Passivated, qq-p-35 or gold plated, mil-g-45204

**Overall Length:**

1.430 inches

**Overall Diameter:**

0.420 inches

**Operating Temperature Range:**

-55.0/+85.0 degrees celsius

**Voltage Standing Wave Ratio:**

1.25

**Input Impedance Rating In Ohms:**

50.0

**Output Impedance Rating In Ohms:**

50.0

**Coaxial Connector Series Designation:**

Sma

**Power Rating:**

250.0 milliwatts average and 100.0 watts peak

**Rf Signal Attenuation In Decibels:**

2.5

**Voltage Standing Wave Ratio Frequency Range:**

+1.0/+2.0 gigahertz

**Attenuation Accuracy In Decibels:**

-0.30/+0.30

**Connection Type Per Function:**

Female input and male output

**Mounting Method:**

Connector

**Terminal Type And Quantity:**

2 connector

**Frequency Range:**

Between 1.000 gigahertz and 2.000 gigahertz

**Precious Material And Location:**

Center conductor surface gold

**Precious Material:**

Gold

**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