

View Online at <https://aerobasegroup.com/nsn/5996-01-606-2037>

**Overall Length:**

14.875 inches

**Overall Height:**

4.000 inches

**Overall Width:**

8.000 inches

**Operating Temperature Range:**

+10.0 to 40.0 degrees celsius

**Storage Temperature Range:**

-25.0 to 65.0 degrees celsius

**Average Life Measurement:**

Indefinite

**End Application:**

An/fpq-16 rack r103211-01

**Basic Shape Style:**

Rectangular or square

**Inclosure Type:**

Encased

**Operating Control Method:**

Automatic

**Installation Design:**

Rack

**Control Type:**

Local or remote

**Circuit Construction Type:**

Solid state

**Frequency Per Channel:**

0.0 megahertz input channel and 1.0 megahertz input channel

**Signal Voltage Rating Per Channel:**

3.0 volts input

**Overall Gain:**

10.0 volts

**Impedance Rating Per Channel:**

100.0 megohms input channel

**Distortion Type And Percent:**

0.01 frequency

**Connection Type And Location:**

Receptacle, coaxial front

**Operating Ac Frequency In Hertz:**

50.0 single voltage and 60.0 single voltage

**Connection Contact Type And Quantity:**

4 receptacle, coaxial internal

**External Ac Operating Voltage In Volts:**

110.0 single voltage

**Features Provided:**

Internal battery accommodation

**Product Name:**

Low-noise voltage preamplifier

**Phase:**

Single

**Functional Classification:**

Aa-11.5

**Special Features:**

Ac or dc coupled, two configurable signal filters; differential and single ended inputs; line or battery operation; rs-232 interface

**Functional Description:**

Low noise preamplifier used in low temperature measurements, optical detection, and audio engineering

**Entry Date:**

12-05-08

**Reference Data And Literature:**

To 31p2-2fpq16-32/114/4

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A32200