

View Online at <https://aerobasegroup.com/nsn/5895-00-056-1512>

**Overall Length:**

19.000 inches

**Overall Height:**

13.875 inches

**Overall Width:**

17.750 inches

**Environmental Protection:**

General purpose

**Operating Temperature Range:**

+32.0 to 125.0 degrees fahrenheit

**Average Life Measurement:**

Indefinite

**Basic Shape Style:**

Rectangular or square

**Identification Designator:**

An/fra-86-80058

**Inclosure Type:**

Partially enclosed

**Operating Control Method:**

Manual

**Installation Design:**

Rack

**Control Type:**

Local

**Circuit Construction Type:**

Electron tube and solid state

**Frequency Shift:**

250.0 hertz and 400.0 hertz and 500.0 hertz and 850.0 hertz and 1.0 kilohertz

**Frequency Per Channel:**

4.0 kilohertz 2nd operating channel err-100

**Frequency Adjustment Type:**

Continuous

**Variation Frequency Rating In Decibels:**

3.0

**Signal Voltage Rating Per Channel:**

30.000 volts any acceptable preset

**Impedance Rating Per Channel:**

600.000 ohms 2nd output channel err-100

**Pulse Duration Per Channel:**

100.000 microseconds output channel err-100

**Polarity Per Channel:**

Positive 2nd operating channel err-100

**Pulse Repetition Rate Per Channel:**

3200.000 pulses per second 2nd operating channel err-100

**Pulse Peak Amplitude Per Channel:**

150.000 volts output channel err-100

**Pulse Modulation Type Per Channel:**

Frequency 2nd operating channel

**Indicator Device Type And Quantity:**

1 cathode ray tube and 2 meter

**Connection Type And Location:**

Integral cable w/coaxial plug rear and integral cable w/power plug rear and single panel jack rear

**Operating Ac Frequency In Hertz:**

62.0 single voltage

**Connection Contact Type And Quantity:**

1 integral cable w/coaxial plug external and 1 integral cable w/power plug external and 16 single panel jack external

**External Ac Operating Voltage In Volts:**

90.0 single voltage

**Phase:**

Single

**Special Features:**

Consists of 1 converter, frequency shift cv-1612/fra-86 and 1 indicator, frequency separation ip-725/fra-86

**Test Data Document:**

11874-mb14-31 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Fsc Application Data:**

Other cryptologic equipment and components

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A32200