

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:

--

Demilitarization:

Yes - demil/mli

Fig:

A32200