

View Online at <https://aerobasegroup.com/nsn/5826-00-883-1148>

**Overall Length:**

7.875 inches

**Overall Height:**

1.687 inches

**Overall Width:**

3.000 inches

**Vibration Resistance Range In Hertz:**

Not rated

**Shock Resistance Rating In Gravitational Units:**

Not rated

**Operating Temperature Range:**

Not rated

**Average Life Measurement:**

Not rated

**End Application:**

Radio set, an/arn-6 (v)

**Basic Shape Style:**

Rectangular or square

**Maximum Operating Altitude Rating:**

Not rated

**Inclosure Type:**

Open

**Installation Design:**

Mechanical

**Circuit Construction Type:**

Electron tube

**Frequency Per Channel:**

341.7 megahertz operating channel and 383.3 megahertz operating channel

**Attenuation In Decibels:**

Not rated

**Average Power Rating Per Channel:**

Not rated

**Signal Voltage Rating Per Channel:**

Not rated

**Overall Gain:**

Not rated

**Impedance Rating Per Channel:**

50.000 ohms input channel err-100

**Maximum Continuous Operating Time In Hours:**

Not rated

**Operating Ac Frequency In Hertz:**

400.0 single voltage

**External Dc Operating Voltage In Volts:**

120.0 single voltage

**External Ac Operating Voltage In Volts:**

115.0 single voltage

**Phase:**

Single

**Functional Description:**

Accepts rf input from selected channel crystal, multiplies freq by 3 twice, provides rf output, pulsed by input from modulator to tripler in transmitter-preselector; crystal freq input (37.96 to 12.59 mhz depending on crystal selected) is tripled to 113.8 to 127.7 mhz; cw pulsed rf output after tripling again is in range of 341.7 to 383.3 mhz; pulsed rf output is tripled in transmitter-preselector to output freq of radio receiver-transmitter rt-472/arn-65; freq multiplier tuned by mechanical linkage from channel selection servo motor; cw output of freq multiplier drives crystal tripler which supplies local oscillator signal

**Supplementary Features:**

Uses p2 and p9 type emission; mounts on receiver-transmitter subassy mx-2934/arn-65

**Fsc Application Data:**

Radio set, radio navigation, airborne

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A32200