

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