

View Online at <https://aerobasegroup.com/nsn/6625-01-501-9973>

**Overall Length:**

17.750 inches

**Overall Height:**

6.968 inches

**Overall Width:**

12.600 inches

**Frequency Rating:**

Between 47.5 hertz and 420.0 hertz

**Frequency Range Rating:**

+0.000/+1040.000 megahertz

**Voltage Rating:**

100.0 volts and 240.0 volts

**Modulation Type:**

Am and fm and pulse

**Modulated Frequency Rating:**

Between 0.000 megahertz and 1040.000 megahertz

**Phase:**

Single

**Special Features:**

Mfg name: synthesized signal generator. Opt 01: reference oscillator, opt 11: pulse modulator, opt 21: af synthesizer. 0.01 hz, db setting resolution, hi-signal purity, versatile modulation functions, hi-stability crystal oscillator, hi-output signal with an output of +17dbm can be output across full frequency range, has sweep function

**Functional Description:**

This synthesized signal generator is used for various local and reference signals, also has synthesizer technology which permits frequency to be set with a resolution of 0.01hz across the full frequency range. The non-harmonic spurious is better than -100dbc for reliable measurement at any frequency. Uses a unique low-noise yig oscillator which produces a high-purity signal with ssb phase noise of better than 130dbc/hz (1ghz, 20khz offset)

**Reference Data And Literature:**

33a1-8-538-22 (service manual); 33a1-8-538-21 (operation manual)

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T320-j