

View Online at <https://aerobasegroup.com/nsn/6625-00-080-7204>

Overall Length:

20.750 inches

Overall Height:

12.500 inches

Overall Width:

15.250 inches

Average Life Measurement:

Not rated

Basic Shape Style:

Rectangular or square

Identification Designator:

540b-28480

Inclosure Type:

Encased

Installation Design:

Top of cabinet/counter

Circuit Construction Type:

Electron tube

Frequency Per Channel:

12.4 gigahertz operating channel

Operating Ac Frequency In Hertz:

50.0 single voltage

External Ac Operating Voltage In Volts:

230.0 single voltage

Phase:

Single

Functional Classification:

Aa-6.3

Functional Description:

Extends frequency measurement range of an/usm-26 & an/usm-207a into microwave range; along w/ an/usm-26 or -207a can measure frequencies up to 12.4 ghz, or w/ an external mixer 1-18 ghz; can be used w/out a frequency counter to measure frequencies below 4 ghz w/in about porm 0.5 pct; frequency is determined by zero-beating the unknown signal w/ a harmonic of an extremely stable signal generated w/in & to measure cm-77a fundamental frequency on a counter; multiplying counter readout by harmonic causing the zero-beat gives input frequency; harmonic no. Is determined from previous knowledge of input frequency or by computation; zer/-beat is displayed on internal oscilloscope

Entry Date:

70-12-01

Reference Data And Literature:

Dept of army publications: tb9-6625-336-50, 19 nov 64; tm11-6625-493-15 w/ changes 1 & 2, 29 sep 64; tm 11-6625-493-20p; tm11-6625-493-45p, 19 oct 64

Relationship To Similar Equipment:

Interchangeable w/ 6625009739267 & 6625007355167; similar to cm-77/usm

Type/model Designation:

Cm-77a/usm

Shelf Life:

Demilitarization:

Yes - demil/mli

Fig:

A32200