

View Online at <https://aerobasegroup.com/nsn/6625-00-539-9910>

**Overall Length:**

19.000 inches

**Overall Height:**

12.500 inches

**Overall Width:**

17.375 inches

**Frequency Rating:**

Between 1.0 kilohertz and 50.0 kilohertz

**Furnished Items And Quantity:**

Frequency meter fr-6/u 1, case meter cy- 1501/u 1, cord cg-409/u 1, frequency data book 1

**Frequency Response Range:**

+100.0/+500.0 megahertz

**Features Provided:**

Internal frequency calibrating crystal

**Phase:**

Single

**Functional Classification:**

Aa-6.3

**Functional Description:**

Portable instrument capable of measuring any frequency within the range of 100 to 500 mhz w/accuracy of porm 0.001 pct. Uses heterodyne principle for determining frequency of an unknown signal; measurement is accomplished by heterodyning a known signal from the test instrument against the unknown signal. Check points are used to calibrate the instrument throughout its operating range. Used to test the following avionics systems: an/akt-18; an/ara-31; an/arc-54; an/arc-60; an/arc-73; an/arn-3 (); an/crd-4; an/trc-68; an/urr-35c; r-508/arc; r-509/arc, and t-366() /arc

**Material:**

Aluminum

**Entry Date:**

70-01-09

**Reference Data And Literature:**

Dept of army publications: tm11-5096 w/changes 1 and 2, oct 55; tm11-6625-312-12p w/change 1, jul 59; tm11-6625-312-35p w/change 2, jul 59; tb11-6625-312-35/1

**Type/model Designation:**

An/urm-81

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A310a0