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**Storage Temperature Range:**

-80.0/+160.0 degrees fahrenheit

**Joint Electronics Type Designation System Item Name:**

Digital ionospheric sounding system

**Joint Electronics Type Designation System Item Type Number:**

An/fmq-12

**Product Name:**

Digital ionospheric sounding system

**Special Features:**

C/o high freq radio pulsed transmitter, hf radio receiver, embedded computer and on-site and remote peripheral equipment; freq 1.0-30 mhz in 1mhz increments; observation every 5, 10, 15, 30, 60mins. Or normally once every 15 mins.From remote/on-site; automatic restart; rack mtd; 72.000 in.H; 21.750 in.D; color semi-gloss blue no.25488 fed-std-595; reliability of 800 hours

**Functional Description:**

Measures, records, transmits vertical ionospheric info incl freq, heights, coefficients used to define e and f layers of ionosphere

**Reference Data And Literature:**

31m1-2fmq12-4

**Test Data Document:**

98749-82-033a specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A23800