

View Online at <https://aerobasegroup.com/nsn/5820-01-363-6441>

**Cubic Measure:**

2194.500 cubic inches

**Storage Temperature Range:**

-30.0/+70.0 degrees celsius

**End Application:**

An/fsq-151; afscn/cue; arts/dsp

**Functional Description:**

Pcm frame synchronizer; subframe synchronizer; single channel word selector; takes 2 serial input streams and divides into 5 output serial streams; demultiplexes of the link 1 and 2 data from the input stream; controls the output clocking rate from the link 1 and link 2 data streams

**General Description:**

Has special paint; processes telemetry from a satcom receiver; sync pattern-02f499e06120b (00572231700604404 oct.); pattern length-49 bits; frame length-640 bits (setup= 40 words x 16 bits/word) input rate 1.28 mbps nrzl; link 1 output rate-1.024 mbps nrzl (sensor data); link 2 output rate-128 kbps nrzl (telemetry data); mdma/b, tod output rate-150 bps nrzl (input 150 bps bi-phase); ac power 105 to 250 vac 47 to 63 hz single phase; humidity type 0 to 90 percent non-condensing; altitude-up to 15, 000 feet

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli