

View Online at <https://aerobasegroup.com/nsn/5895-01-559-9477>

**Overall Height:**

5.250 inches

**Overall Width:**

17.000 inches

**Ac Voltage Rating:**

Between 90.0 volts and 250.0 volts

**Frequency Rating:**

Between 47.0 hertz and 63.0 hertz

**End Application:**

5895-01-495-9105 - lightweight multiband satellite terminal (lmst), an/usc-6 (v) 1

**Multiplexing Method:**

Time division

**Criticality Code Justification:**

Feat

**Phase:**

Single

**Special Features:**

Electrostatic discharge sensitive (esd)

**Functional Description:**

Will provide the functionality for multiplexing uplink data streams and de-multiplexing downlink data streams; provides full-duplex capability and will interface the ground user equipment with the satellite modern communications and orderwire modulators and demodulators; synchronous data inputs of mixed data rates will be multiplexed into a single super-group output and sent to the satellite modern modulators for transmission; received super-groups will be received from the satellite modern demodulators and demultiplexed into their respective groups and delivered to the signal entry panel (sep) for user access; individual subscriber ports are capable of loopback in both the subscriber and aggregate direction by command through a rs-485 port

**Supplementary Features:**

Rack mountable in a standard 19 inch rack; item shall not exceed 25 pounds; non-oper temp -32 to +65 degrees c; non-oper altitude up to 50,000 ft above mean sea level; oper temp 0 to +60 degrees c; oper altitude up to 8,000 ft above mean sea level; mtbf 25,000 hrs for a 45 degrees c ground fixed uncontrolled environment;

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T187-f