NSN 5805-01-418-1625

No Fiig: T320-a

Telegraph-telephone Signal Converter - Page 1 of 1



View Online at https://aerobasegroup.com/nsn/5805-01-418-1625 **Overall Depth:** 7.000 inches **Overall Height:** 1.750 inches Overall Width: 19.000 inches **End Application:** Milstar terminal remote Signal Type: Ring down **Switchboard Side Current Type:** Dc **Transmitted Line Signal Frequency Rating:** Between 2590.0 hertz and 2610.0 hertz **Received Line Signal Frequency Rating:** Between 2500.00 hertz and 2700.0 hertz **Communication Circuit Quantity:** 4 **Special Features:** Telephone line converter module provides the talk battery, ring generation and off hook detection necessary to operate a standard telephone; it also provides the ring detection and line seizure needed when connecting to a pbxstation or co trunk; on board is a 2-wire to 4-wire hybrid that separates the transmit and receive audio paths; the board also contains a pulse code modulator and demodulator which converts the audio signals into a serial bit stream; the use of compandors further refine the quality of the audio; the output is 4-wire 600 ohm audio or synchronous serial data via a rs-422 interface; an on board clock generator is provided (selectable data rate from 28kbps to 256kbps) or the system will accept an external clock signal Shelf Life: N/a **Unit Of Measure: Demilitarization:**