

View Online at <https://aerobasegroup.com/nsn/5820-01-543-7811>

**Functional Description:**

Utilizes orthogonal frequency division multiplexing (ofdm), which is a form of 802.16 wimax; operates in the 5.8 ghzband and provides a bandwidth between 1.5mbps to 48mbps; utilizes 2x2, and 3 foot antennas; the network equipment utilized is comprised of commercial off-the-shelf (cots) network components such as routers and vocality multiplexers for analog phone connectivity; there is also an uninterupted power supply (ups) to provide backup power to the network and antenna equipment and a gfe provided taclane; system can communicate over hills, around buildings, and through trees for a non line-of-sight capability; system will allow commands to extend nipr, sipr, and dsn to remote sites from any place in their tactical network

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T198-b