

Radio Frequency Amplifier, NSN 5996-01-616-4318, PN 60083097-000

The RFE provides filtering and separation of the RF transmit and RF receive signals as well as routing the signals to and from either the Ku or C port of the AAG-X Omni Antenna. The RFE provides RF power amplification and blanking capability for the RF transmit signal while providing low noise amplification of the received signal. The RFE accepts command signals from the AAG-X ROVER 6 via an RS-485 interface. The RFE features diplexers that allow it to either transmit or receive on any channel within the Ku and C CDL bands. The RFE is located in the upper LH side of the Pass-thru bay. Please expedite turn in of All Unserviceable Assets to Plant 7000, RIC BY6, Tobyhanna DLA/SMA for Unserv Credit Value \$25,932.00/Serviceable Credit value \$45,652.00. Unserviceables are required to repair and Serviceable are required to ensure supply availability to satisfy demands.

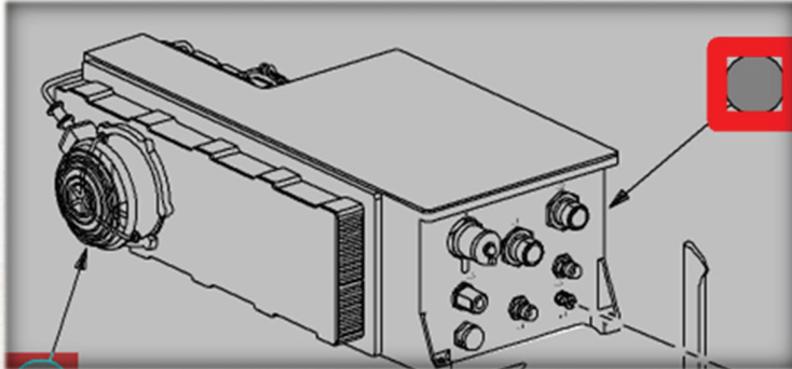


Figure 12: Radio Frequency Amplifier

Receiver-Transmitter Rover, NSN 5820-01-616-4318, PN 60082784-002

The Receiver-Transmitter (Rover 6) is part of the Manned-Unmanned Teaming (MUMT) system and applicable with all MUMT. The Rover 6 is a Controlled Cryptographic Item (CCI). There is a COMSEC chip contained in the Rover 6 that is obsolete. We can no longer procure new spares, and demand must be satisfied through M&O. Next-gen Rover (Coyote) will not be available to procure until approximately 2022. Battery life also limited. Item sole sourced to L3. Please expedite the turn in of all Unserviceable Assets to Plant 7119, RIC SCY, DLA Dist Toby Spec Hdlg Facility for Unserv Credit Value \$12,502/Serviceable Credit Value \$28,222.00. Unserviceables are required to repair and Serviceable are required ensure supply availability to satisfy demands.

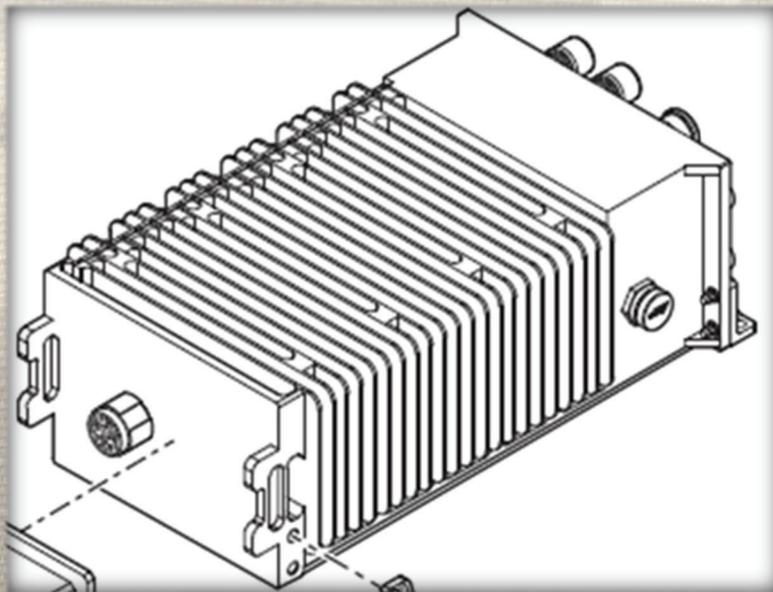


Figure 13: Receiver-Transmitter "ROVER"

Computer Digital DA, NSN 5895-01-677-5223, PN 3000649000

The Data Link Compatible Modification (DLCM) is part of the Manned-Unmanned Teaming (MUMT) system and applicable with all MUMT/MUMT-X enabled aircraft. Please expedite turn in of All Unserviceable Assets to Plant 7000, RIC BY6, Tobyhanna DLA/SMA. Unserviceables are required to repair and Serviceables are required to ensure supply availability to satisfy demands.

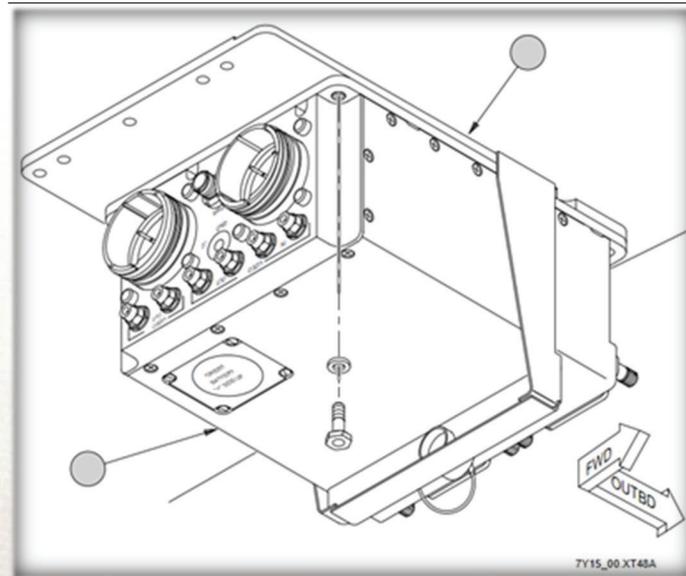


Figure 14: Computer, Digital DA

Point of Contact:

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