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**Dc Voltage Rating:**

12.0 volts

**Frequency Rating:**

243.0 megahertz

**Maximum Power Dissipation Rating:**

600.0 milliwatts

**Joint Electronics Type Designation System Item Name:**

Radio set

**Joint Electronics Type Designation System Item Type Number:**

An/prc-90

**Electrical Power Source Relationship:**

Operating

**Internal Battery Accommodation:**

Included

**Installation Design:**

Portable

**Receiver Frequency Rating:**

Between 243.0 megahertz and 282.8 megahertz

**Transmitter Frequency Rating:**

Between 243.0 megahertz and 282.8 megahertz

**Frequency Band Type And Quantity:**

1 receiving and 1 transmitting

**Frequency Channel Type And Quantity:**

2 receiving and 3 transmitting

**Emission Type:**

A2 receiving or a3 receiving or a2 transmitting or a3 transmitting

**Functional Description:**

Designed to transmit and receive amplitude modulation (am) voice communications at frequencies of 243 and 282.8 mhz; capable of transmitting beacon signals and key toned signals at a frequency of 243 mhz

**Reference Data And Literature:**

T.O. 31r2-2pr-104

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T198-b