

View Online at <https://aerobasegroup.com/nsn/5820-01-465-6965>

**Dc Voltage Rating:**

Between 24.0 volts and 28.0 volts

**Maximum Power Dissipation Rating:**

60.0 watts and 150.0 watts

**Furnished Items:**

Amplifier, rf, 10497-5000-02; antenna, 100-5006; antenna, 10251-0010-05; antenna, 10400-0600-02; coupler, antenna, 10208-5142-504; extender kit, low freq, 10541-0200-01; filter, band pass, 10497-0360-01; receiver-transmitter, radio, 10541-1000-01

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

Radio set

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

An/vrc-516

**Electrical Power Source Relationship:**

Operating

**Internal Battery Accommodation:**

Not included

**Receiver Frequency Rating:**

Between 1.6 megahertz and 59.9 megahertz

**Transmitter Frequency Rating:**

Between 1.6 megahertz and 59.9 megahertz

**Emission Type:**

+9 receiving and +9 transmitting

**Special Features:**

Automatic link establishment (ale); robust wake-up active squelch (rwas); mixed voice and data capability

**Functional Description:**

A tactical radio set operating in the hf band and in the vhf band

**Relationship To Similar Equipment:**

Similar to an/vrc-101 but not electrically similar; an/vrc-516 incorporates an assortment of antennas not included with the an/vrc-101

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T198-b