

View Online at <https://aerobasegroup.com/nsn/5820-01-314-3240>

**End Application:**

Ta-649 d9202-2433

**Input Frequency Rating:**

Between 1535.000 megahertz and 1543.500 megahertz

**Receiver Emission Type:**

F9

**Guard Channel:**

Not included

**Auxiliary Bandsread Tuning Feature:**

Not included

**Plug-in Tuning Unit:**

Not included

**Functional Description:**

Uthe afstrs system is designed to receive radio programming broadcast by the armed forces radio and television services which is transmitted at l-band by inmarsat satellites located in the pacific ocean region, the atlantic ocean region and the indian ocean region; it is an independent source of satellite radio programming; can be used by itself or can be connected to a distribution system for further processing; consists of two major sets of equipment, an indoor set and outdoor set

**Supplementary Features:**

Outdoor set: consists of antenna w/circular polarization feed assembly, lna, adjust. Azimuth over elevation ground mount and optional radome assembly, environ. Conditions - 30 to + 55 degrees c; indoor set: consists of radio receiver, power supply, interconnecting cables and optional rf line amp, operating temp 0 to 40 degrees c, freq. Range 1535 to 1645 mhz, power 120 vdc at .25 amps, receiver power reqmts 108-130 vac or 210-250 vac 50/60 hz/14 vdc 0.8 amps at 1 watts nom., power supply input voltage 120 or 220 vac, output voltage 14 vdc porm .5 vdc, power consumption 12 watts, lna supply voltage 12 vdc nom. At 300 ma max., approx. Weight 100 lbs

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T199-d