

View Online at <https://aerobasegroup.com/nsn/5895-01-327-5067>

End Application:

Mark ivb weather satellite station

Installation Design:

Airborne and fixed

Emission Type:

P9 and f9

Operating Frequency:

5.000 megahertz

Special Features:

H 5.250in, w 3.625in, d 11.125in; op temp 0/p50c, stor temp m55/p55c, humidito 95pct; front panel plug-in mod for use in telemetry rcvr; ttl loc sig; fm demod spec/if bdwth 1.0mhz-12mhz, 300khz-1.0mhz, 50khz-100khz, 10khz-30khz; lineari type 12mhz, 1.0mhz, 100khz, 20khz; pm demodspec/op m15db carrier-to-noise ratio in 2nd if bw or p6db snr in phase lockloop; ph dev output p/m30deg will produce 4v p-to-p video output, up to p/m150deg can be demod; pm freq resp to 5mhz at m3db; synch am lvl 2v p-p w/50pct am, 500khz at m3db response, 2pct rms typ in 30hz loop at high carrier resid phaase error, 10pct maximum static phase erroranti-side band; fm demod mode act in pm mode and is used to det if unit is prop locked and serves to prov for the anti-sdbd, it will op at sig-to-noise lvl down to p6db eb/no; input freq 20mhz; input imp 50ohm; if bw 10khz-12mhz; has remote control capability

Functional Description:

Multi-mode high speed digital signal to demodulate fm, pm, bpsk and qpsk signals/serves as am detector

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

T199-c