



Eyal MAG Ltd.

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POWER AMPLIFIER SPECIFICATION MODEL: PA-1958-00

PROJECT NO: 1958

1. Frequency Range: 225÷300 MHz
2. Input Power: 7 dBm max
3. Input VSWR: 2.0:1
4. Output Power @ $V_c=12v$: 30 W CW
5. Output Power @ $V_c=1.5\div 3.0v$: 0.04 W CW
6. Harmonics: -20dBc max
7. Spurious: -90dBc max
8. Current Drain: 3A @ 20W Out power
9. Power Dissipation: 80W for 30W Output max.(50% D.C)
10. Gain Flatness : (within any segment of 10 MHz) . . 0.5 dB max
11. Isolation: 65 dB min
12. Size: as per OLD 1958-12