

FM Amplifier Module Delivers Security



Measuring 250 mm × 180 mm × 53 mm, Res-Ingenium's FM1K-108 Class B FM amplifier module uses built-in protection circuitry to protect against overdriving, SWR over-voltage, and thermal runaway. The component supplies 1 kW of linear CW output power over a frequency range from 87.5 MHz to 108 MHz in FM and HDFS radio broadcast applications. The product offers 74% collector efficiency, harmonic suppression of -55 dBc, 22 dB gain, input power of 7 W, and 4 MRF6V2300NBR1 LDMOS transistors. Applications include FM transmitters, transposers, and broadcast exciter designs.

Res-Ingenium

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