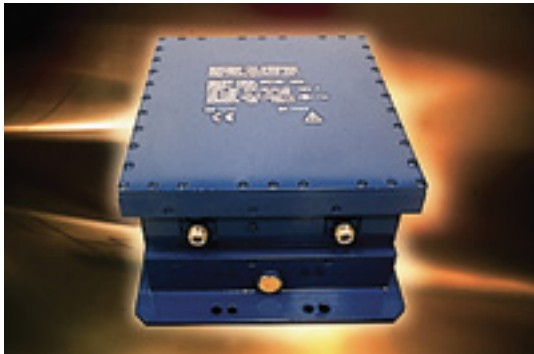


## Tower Mounted Amplifier



Spectrum FSY introduces a tower mounted amplifier (TMA) assembly, which integrates its filter-based products with a low noise amplifier. The TMA provides 12 dB of RF gain with a noise figure of 2.8 dB maximum. The center frequency (Fc) can be factory set to any frequency within the range of 826 to 872 MHz, with an operating bandwidth of 1.5 MHz. The TMA's stopband attenuation at Fc  $\pm$  3 MHz is 15 dBc minimum and 60 dBc minimum at Fc  $\pm$  5 MHz. The operating temperature range is from  $-50^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$  and the unit weighs less than 10 kg. DC power consumption is 2.4 watts maximum.

Spectrum FSY Microwave

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