



## Millimeter-Wave Synthesizer

Model FS-34-36-20 is a 34 to 36 GHz frequency synthesizer. The output power across the band is +20 dBm thru WR-28 waveguide or a 2.92mm coax connector. For controlling the synthesizer, a 20-pin connector supplies DC power (+8volts @ 2 A typ.), serial tuning, lock status, narrow and wideband FM, and ground connections. Frequency step size is 10 kHz and settling time is 10 msec max. The operating temperature range is -20 to +70 C and it can be supplied with either an internal or external reference.

### **Spacek Labs, Inc.**

212 East Gutierrez Street  
Santa Barbara, CA 93101  
V: (805) 564-4404  
F: (805) 966-3249  
Web: [www.spaceklabs.com](http://www.spaceklabs.com)  
Email: [sales@spaceklabs.com](mailto:sales@spaceklabs.com)