

Communications & Power Industries Beverly Microwave Division Switch Limiter



The VLL1871 is a multi-function component consisting of 3 elements: a 40 dB SPST switch, a passive limiter, and a 20 dB directional coupler. All RF ports are coupled through DC blocks.

With a history of producing high quality products, we can help your with limiter.

**Contact us at BMDMarketing@cpil.com
or at call us at +1 978-922-6000.**

FEATURES:

- Frequency range: 1070 – 1110 MHz
- RF Input power: 1 Watt CW max
- Insertion loss: 0.5 dB max
- Return loss: 20 dB min
- Switched attenuation: 40 dB min
- Switching speed: 1 μ S max
- Passive limiter leakage:
 - Spike power: 500 mW max
 - Flat power: 40 mW max
- Recovery time: 100 nS max
- Directional coupler: 20 \pm 0.5 dB
- Coupler directivity: 20 dB min
- RF & DC Connectors: 0.76 mm Tab
- DC Supply: + 3.3 V @ 50 mA max
- Control Input: Single ended LVDS logic

BENEFITS:

- Integral directional coupler
- Active/passive capability

APPLICATIONS:

- Specification variations available for various market uses