



NoiseWave announces the immediate availability of the NW301 surface mount noise diode. The unit features broadband frequency coverage from 10 MHz to 3.5 GHz. Output ENR is 32 dB minimum with greater than 35 dB typical. The diode voltage range is 8-12 V and the current is specified at 5 mA however it can be run at different currents depending on the application.

NoiseWave's noise diodes offer a symmetrical white Gaussian noise voltage distribution while maintaining a flat power spectral density versus frequency response. Applications for this diode include built in test equipment, dithering for increased dynamic range of A/D converters, and as an economical source of broadband power.

The unit is packaged in an industry standard SOD-323 package, which allows it to be economically produced. The NW301 is available from stock. Contact NoiseWave today to learn more about how this new product may fit your design needs.