

FOR IMMEDIATE RELEASE:

## E-Band Waveguide Low Pass Filter



*Santa Barbara, CA – January 16th, 2014* – Spacek Labs model LPF1-86-11 is an E-Band low pass filter in WR-12 waveguide. It has a pass band of 71 to 86 GHz with an insertion loss of 1.5 dB typ and 2 dB max. The reject band is 91 to 140 GHz, with 20 dB rejection at 91 GHz and 35 dB minimum over the rest of the band. This series of filters can be made from 18 to 110 GHz and can be designed with a sharp cut off as close as 5% of the band edge frequency. With full in-house design, manufacturing and testing capability, Spacek Labs can customize these filters to suit any application or form factor.

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