


**Fiber optical superconducting nanowire single photon detector (Technion)**

**code:** COM-1361

There is a growing demand for increasingly sensitive optical detectors for commercial and academic use. They can be used for quantum communications, astronomical research, deep space communication and many forms of academic research. This invention is an improved superconducting nanowire single photon detector with very low noise and a high detection rate over a wide range of light waves.

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