



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**INDUSTRIAL FIBER OPTICS**You Are Here: [Home](#) > [Tools/ Test Equipment](#) > [Miscellaneous](#) > [IR \(infrared\) Detection Card 950nm](#)**IR (infrared) Detection Card  
950nm****Credit card size indicator for viewing IR  
light.**

A IR detection card is a great addition to any technician's tool box who works with fiber optic systems using infrared. Another useful addition to a technician's toolbox is our 950 nm IR detection card. Similar in form and function to the card described above, this card produces a green glow when exposed to IR light in the 950 nm region.

Conversion™ the phosphor absorbs IR light and continuously re-emits its energy in a visible, green wavelength. No need for charging and recharging with UV light. The phosphor's peak sensitivity at 950 nm makes it ideal for detecting the IR output of consumer electronics remote controls. The card can also be used to detect a wide range of radiometric power levels, from very low levels (when observed in a darkened room), to the hundreds of microwatt power levels output by IR LEDs, to tens of milliwatts of collimated IR laser outputs. The only constraint is not overheating the card. The temperature of the card should not exceed 70° C for extended periods of time. When working with high powered lasers, the green wavelength emitted by the phosphor is ideal for use with laser safety goggles which filter the red and IR parts of the spectrum but are permeable to green.

\* Spectral bandwidth (S = 10 % of SMAX) 830 - 1100 nm

**Part Number: IF 850053**

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