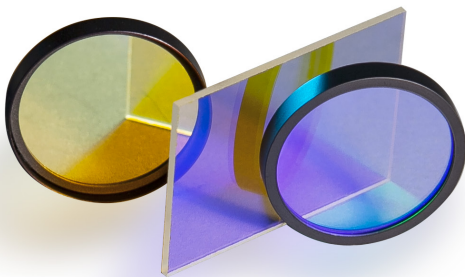


The perfect answer to Raman spectroscopy's unique needs.

Chroma Technology is a leading manufacturer and OEM supplier of highly precise, thin-film, optical interference filters. Chroma offers a variety of Raman filters depending on your needs including single filters, filter sets, and beamsplitters.

Raman Spectroscopy

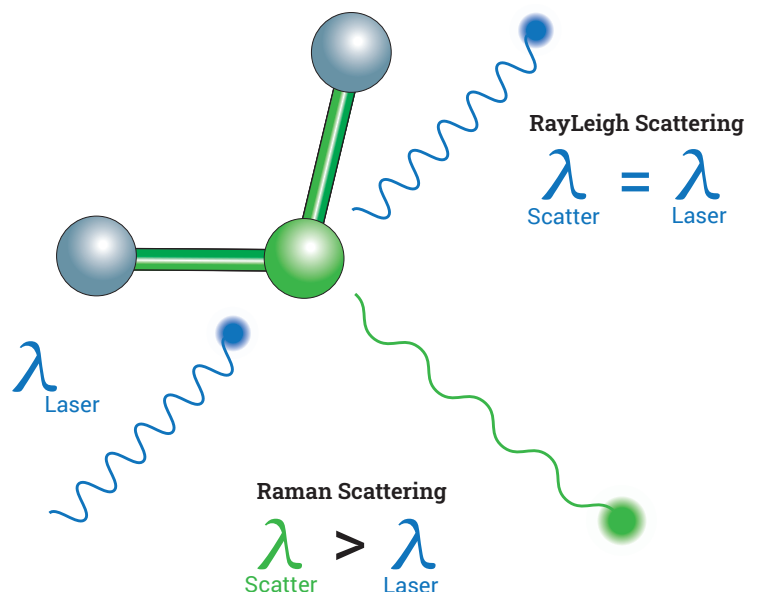


Our Raman filters provide:

- ▶ High transmission for detection of weak signals
- ▶ Broad transmission band
- ▶ Excellent image quality
- ▶ Ultra-steep edge
- ▶ Deep blocking
- ▶ Custom designs when needed
- ▶ Offering designs from the UV to IR

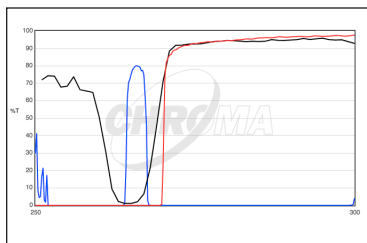
Maximize the Raman Signal

At Chroma we understand that Raman scattering is a weaker signal that requires much better filters, with steeper edges, in order to isolate the signal of interest. Our Raman filters or sets will cover a wide variety of spectral ranges for your project when you need higher transmission values, steep transitions, and superior blocking to keep out unwanted photons.



Filters & Sets for Raman Applications

To see the complete list of Raman RT and RET filters and sets please visit our website at chroma.com

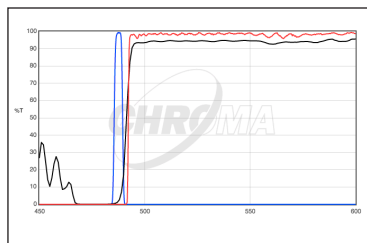


49953

Raman 266nm Laser Longpass Set

● RT266rdc | ● RET270lp | ● RET266/3x

Dedicated Filter set for Raman spectroscopy. The ultra-steep 266nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 266nm laser. Set includes the narrow-band 266nm laser clean-up filter.

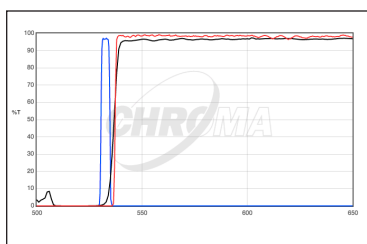


49951

Raman 488nm Laser Longpass Set

● RT488rdc | ● RET493lp | ● RET488/4x

Dedicated Filter set for Raman spectroscopy. The ultra-steep 488nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 488nm laser. Set includes the narrow-band 488nm laser clean-up filter.

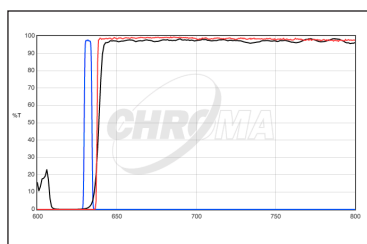


49952

Raman 532nm Laser Longpass Set

● RT532rdc | ● RET537lp | ● RET532/4x

Dedicated Filter set for Raman spectroscopy. The ultra-steep 532nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 532nm laser. Set includes the narrow-band 532nm laser clean-up filter.

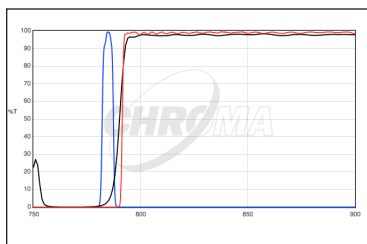


49954

Raman 633nm Laser Longpass Set

● RT633rdc | ● RET638lp | ● RET633/5x

Dedicated Filter set for Raman spectroscopy. The ultra-steep 633nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 633nm laser. Set includes the narrow-band 633nm laser clean-up filter.

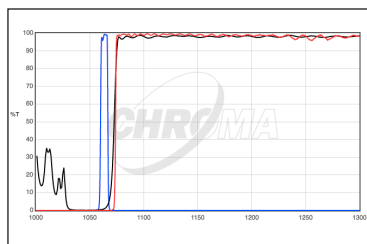


49950

Raman 785nm Laser Longpass Set

● RT785rdc | ● RET792lp | ● RET785/6x

Dedicated Filter set for Raman spectroscopy. The ultra-steep 785nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 785nm laser. Set includes the narrow-band 785nm laser clean-up filter.



49955

Raman 1064nm Laser Longpass Set

● RT1064rdc | ● RET1072lp | ● RET1064/7x

Dedicated Filter set for Raman spectroscopy. The ultra-steep 1064nm laser dichroic mirror perfectly matches the ultra-steep longpass emission filter which blocks the 1064nm laser. Set includes the narrow-band 1064nm laser clean-up filter.



Chroma Raman Filters and Filter Sets

A set of optical interference filters used in Raman spectroscopy must perform cohesively as a unit in order to successfully detect the desired Raman signal above the level of background noise. Chroma's expertise in optical interference filter design and highly precise, thin-film deposition technologies results in the most advanced optical filters available. Because we're a 100% employee-owned company, we know the value of being invested in a company's success, and we value yours as much as our own.

Chroma's Raman filter sets include an ultra-steep laser dichroic mirror that perfectly matches an ultra-steep long pass emission filter, plus a narrow band laser clean-up filter. Together, these filters allow for the detection of the cleanest Raman signals. Our catalog of standard Raman sets are designed for the most common Raman wavelengths, including UV (266nm), Visible (488nm, 532nm and 633nm) and NIR (633nm, 785nm and 1064nm).

Custom filters and sets are available on request by contacting sales@chroma.com or by visiting www.chroma.com/request-a-quote.

