

Raman Spectroscopy Filter Sets

Filter sets that transmit the Raman-scattered spectrum while blocking the high-intensity excitation laser: a laser clean-up filter, an ultra-steep long-pass edge filter and a laser dichroic filter for each excitation wavelength, stocked for 532 nm and 785 nm. The filters are produced by ion-beam-sputtering coating on Veeco equipment.

Stocked models

Wavelength	Model	Filter type	Sizes (mm)	Stock status
532 nm	532-AAB-54AB-3	Laser clean-up filter	D25.4×2, 25.4×25.4×2, 12.7×12.7×2	In stock
532 nm	532-LAB-90CB-3	Long-pass edge filter	D25.4×2, 25.4×25.4×2, 12.7×12.7×2	In stock
532 nm	532-LDAB-50AB-S	Laser dichroic filter	25.4×25.4×2, 12.7×12.7×2	In stock
785 nm	785-AAB-54AB-3	Laser clean-up filter	D25.4×2, 25.4×25.4×2, 12.7×12.7×2	In stock
785 nm	785-LAB-90AB-4	Long-pass edge filter	D25.4×2, 25.4×25.4×2, 12.7×12.7×2	In stock
785 nm	785-LDAB-50AB-S	Laser dichroic filter	D25.4×2, 25.4×25.4×2, 12.7×12.7×2	In stock

Features

Feature
High optical density
High transmittance
Ultra-steep edges
Low wavenumber
High laser damage threshold
Long lifetime