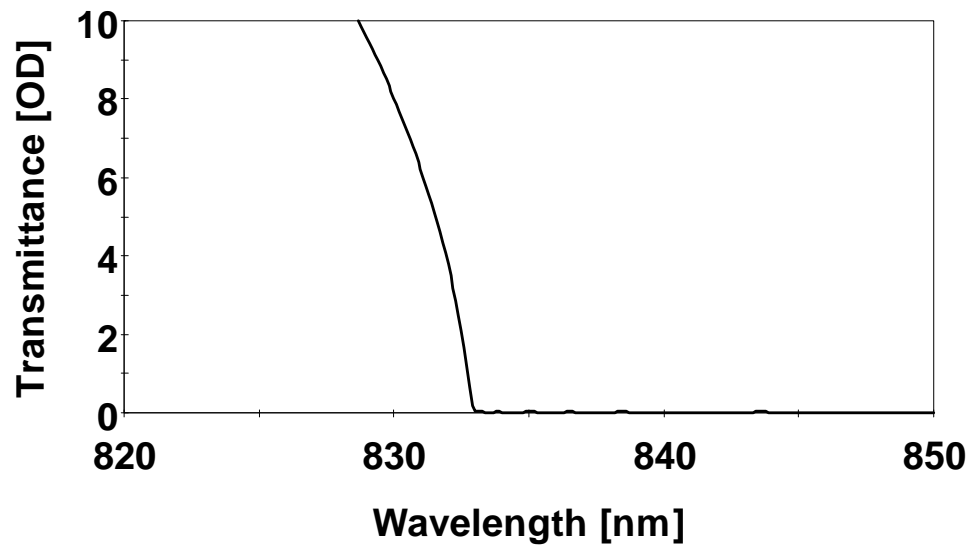
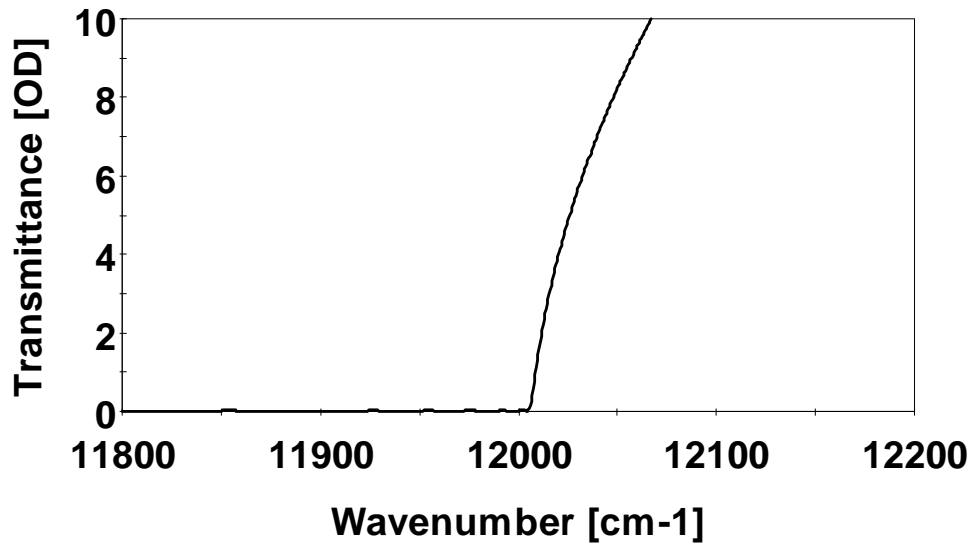


Raman Edge Filters

Full range of wavelengths in visible and NIR available



Raman Edge Filter

Laser Line Edge Filter - Steep, high blocking edge filters eliminate the need for multiple filters for spectral noise reduction. All filters use hard dielectric coatings and do not require cover glass for durability. This greatly improves the transmission levels in all our filters compared to traditional filters.

Optical Specifications

Part #	See Page 3 for list of available wavelengths
Blocking Range (nm)	Optical Density
Laser line Blocking	> 8
Transmission Ranges (nm)	Transmittance
Pass Band	> 80%
Angle of Incidence	0.0° (angle tuning for blue shift available)
Temperature Dependence	< 5 pm / °C

Physical Specifications

Clear Aperture	> 80% of OD
OD	12.5 + 0.0/-0.1 mm ring mounted
Thickness	3.0 ± 0.1 mm
Surface Quality	60/40 scratch/dig

Reliability

Environmental Testing	MIL-STD-810F
Mechanical Durability	MIL-C-48497A

PartNumber	FilterName	Laser line [nm]	Laser line [cm ⁻¹]	6OD - 50% [nm]	6OD - 50% [cm ⁻¹]	Passband Start (nm)	Passband End (nm)	Price QTY 1
PN-ZX000122	442 LPF Filter	442	22600	1.9	100	447.3	639	\$ 367.00
PN-ZX000123	457 LPF Filter	457	21900	2	100	462.5	661	\$ 367.00
PN-ZX000125	476 LPF Filter	476	21000	2.1	90	481.7	688	\$ 367.00
PN-ZX000127	488 LPF Filter	488	20500	2.1	90	493.9	1200	\$ 367.00
PN-ZX000130	514 LPF Filter	514.5	19400	2.2	80	520.7	1200	\$ 367.00
PN-ZX000132	532 LPF Filter	532	18800	2.3	80	538.4	1200	\$ 367.00
PN-ZX000136	632.8 LPF Filter	632.8	15800	2.7	70	640.4	1200	\$ 367.00
PN-ZX000138	650 LPF Filter	650	15400	2.8	70	657.8	1200	\$ 367.00
PN-ZX000140	676 LPF Filter	676	14800	2.9	60	684.1	1200	\$ 367.00
PN-ZX000142	752 LPF Filter	752	13300	3.3	60	761.1	1200	\$ 367.00
PN-ZX000143	785 LPF Filter	785	12700	3.4	50	794.5	1200	\$ 367.00
PN-ZX000144	830 LPF Filter	830	12050	3.6	50	840	1200	\$ 367.00
PN-ZX000145	1064 LPF Filter	1064	9400	4.6	40	1076.8	1538	\$ 367.00

Other wavelengths and volume pricing available upon request

All prices in US Dollars