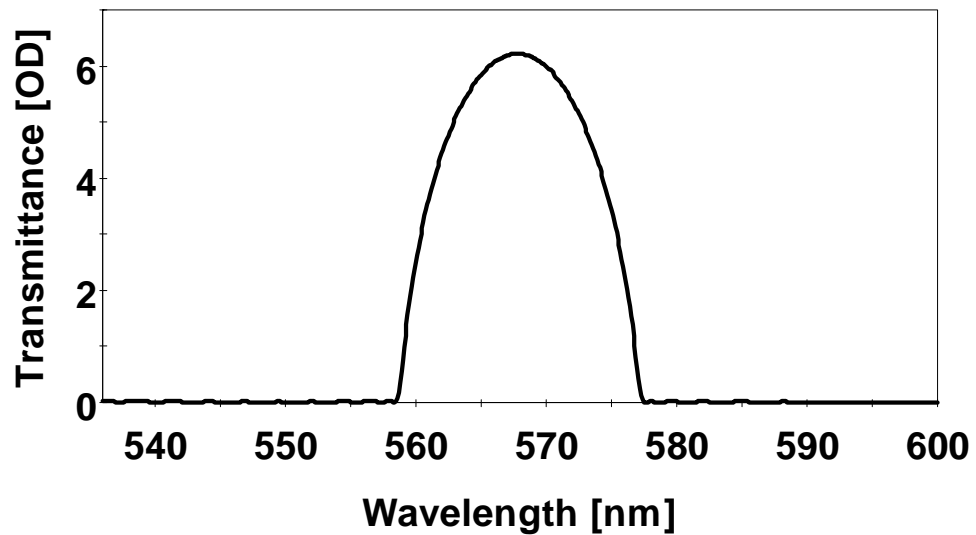
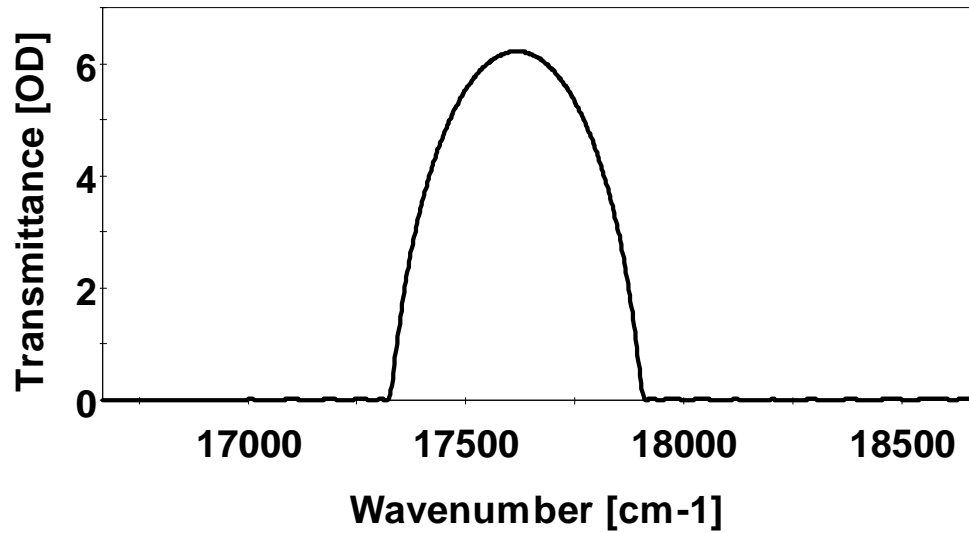


Iridian Product Example**Raman Notch Filter**

Full range of wavelengths in visible and NIR available



Iridian Product Example**Raman Notch Filter**

Raman Notch Filter - Narrow high blocking notch filter eliminates 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.

Other laser lines available on request.

Optical Specifications

Part #	See Page 3 for list of available wavelengths
Notch blocking @ wavelength	Optical Density > 6
Pass Band Transmission	Average > 90%
Notch Width	3%-10%, see page 3 for standard widths
Pass Band Transmission Ripple	Average < 5%
Angle of Incidence	0.0 (angle tuning for blue shift available)
Temperature Dependence	< 5 pm / °C

Physical Specifications

Clear Aperture	> 80% of OD
Outer Diameter	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	CWL [nm]	CWL [cm ⁻¹]	50%Width [nm]	50%Width [cm ⁻¹]	Price QTY 1
PN-ZX000269	442 Notch filter	442	22600	11	560	\$ 860.00
PN-ZX000270	457 Notch filter	457	21900	12	570	\$ 860.00
PN-ZX000272	476 Notch filter	476	21000	13	570	\$ 805.00
PN-ZX000274	488 Notch filter	488	20500	14	590	\$ 805.00
PN-ZX000277	514.5 Notch filter	514	19500	16	610	\$ 805.00
PN-ZX000279	532 Notch filter	532	18800	17	600	\$ 805.00
PN-ZX000283	632.8Notch filter	632.8	15800	25	620	\$ 805.00
PN-ZX000285	650 Notch filter	650	15400	26	620	\$ 805.00
PN-ZX000287	676 Notch filter	676	14800	29	630	\$ 805.00
PN-ZX000289	752 Notch filter	752	13300	36	640	\$ 805.00
PN-ZX000318	785 Notch filter	785	12700	39	630	\$ 805.00
PN-ZX000290	830 Notch filter	830	12050	44	640	\$ 805.00
PN-ZX000291	1064 Notch filter	1064	9400	71	630	\$ 760.00

Other Wavelengths and volume pricing available upon request.