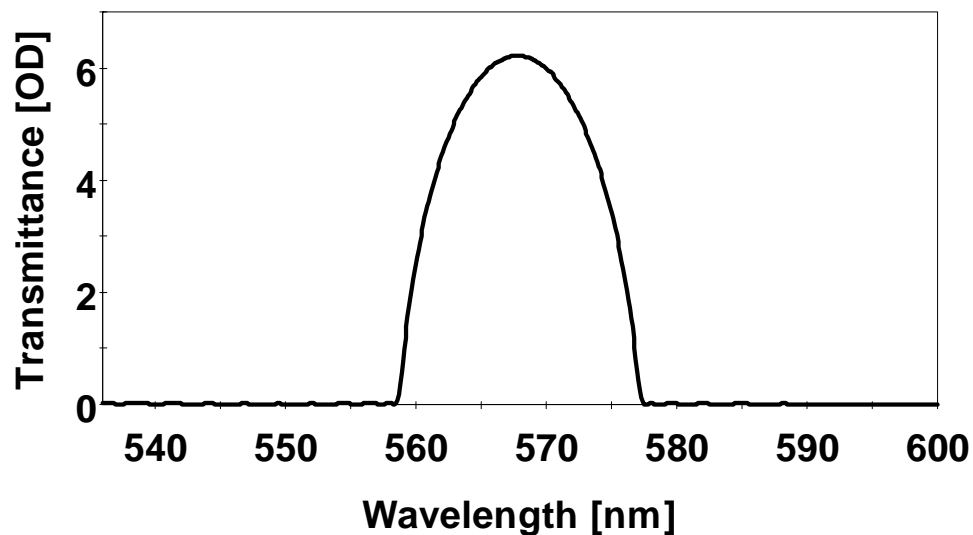
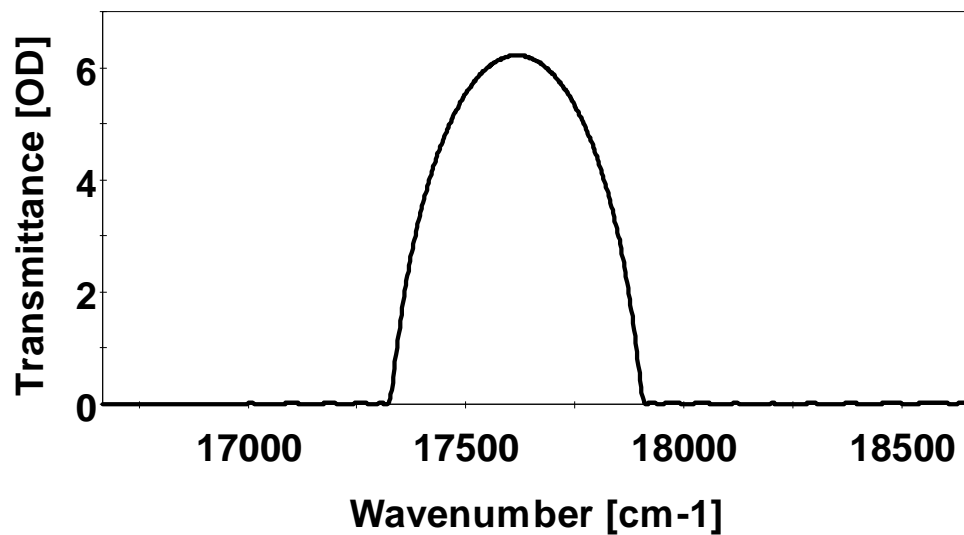


**Iridian Product Example****Raman Notch Filter**

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**

<b>Part #</b>	<b>See Page 3 for list of available wavelengths</b>
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

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**Your Source for Spectral Solutions**

PartNumber	FilterName	CWL [nm]	CWL [cm <sup>-1</sup> ]	50%Width [nm]	50%Width [cm <sup>-1</sup> ]	Price QTY 1
PN-ZX000058	442 Notch filter	442	22600	11	560	\$ 459.50
PN-ZX000059	457 Notch filter	457	21900	12	570	\$ 459.50
PN-ZX000061	476 Notch filter	476	21000	13	570	\$ 430.00
PN-ZX000063	488 Notch filter	488	20500	14	590	\$ 430.00
PN-ZX000066	514.5 Notch filter	514	19500	16	610	\$ 430.00
PN-ZX000068	532 Notch filter	532	18800	17	600	\$ 430.00
PN-ZX000072	632.8Notch filter	632.8	15800	25	620	\$ 430.00
PN-ZX000074	650 Notch filter	650	15400	26	620	\$ 430.00
PN-ZX000076	676 Notch filter	676	14800	29	630	\$ 430.00
PN-ZX000078	752 Notch filter	752	13300	36	640	\$ 430.00
PN-ZX000079	785 Notch filter	785	12700	39	630	\$ 430.00
PN-ZX000080	830 Notch filter	830	12050	44	640	\$ 430.00
PN-ZX000081	1064 Notch filter	1064	9400	71	630	\$ 405.50

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