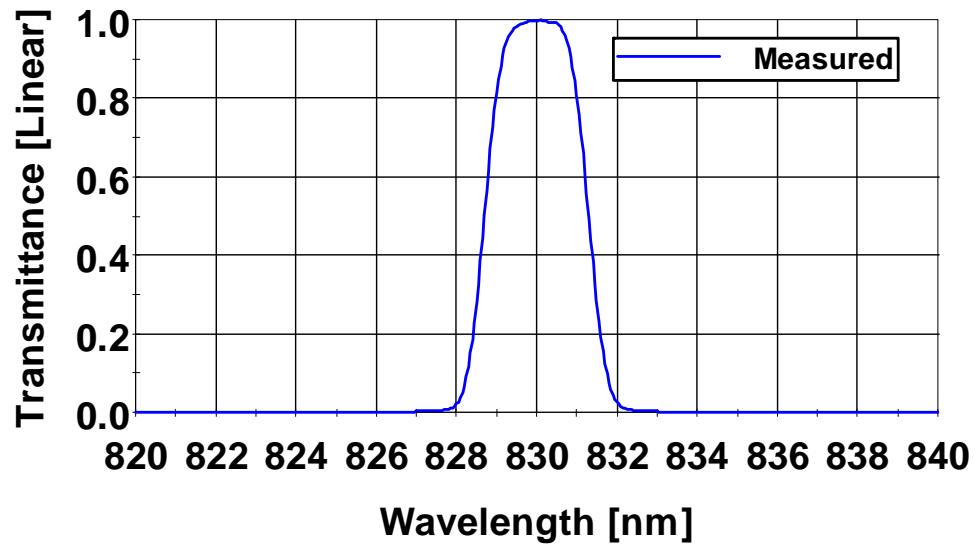
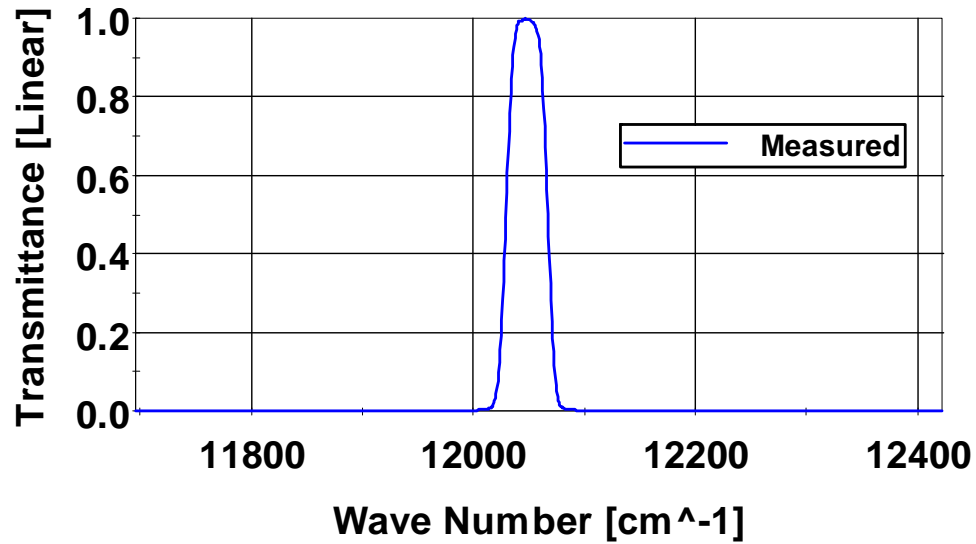


Iridian Product Example
Laser Line Band Pass Filter

Full range of wavelengths in visible and NIR available



Iridian Product Example

Laser Line Band Pass Filter

Laser Line Band Pass Filter - Steep, high transmission band pass 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.

Optical Specifications

Part #	See Page 3 for list of available wavelengths
3 OD Blocking Bandwidth	< 4.5 nm
Guaranteed > 3OD Operating Range	300 nm-1200 nm
5 OD Blocking	~+/-0.5% of CWL to 10% of CWL
Available Center Wavelengths	400nm to 1064nm
89% Pass Band Width	>1.5 nm
FWHM	~2nm to 3nm (varies in wavelength)
Peak Transmittance within Pass Band	> 90%
Angle of Incidence	0.0 (angle tuning for blue shift available)
Temperature Dependence	< 5pm / °C

Physical Specifications

Clear Aperture	> 80% of OD
OD	12.5 + 0.0/-0.1 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

IRIDIAN**Spectral Technologies****Your Source for Spectral Solutions**

Part Number	FilterName	CWL [nm]	CWL [cm ⁻¹]	Price QTY 1
PN-ZX000044	488nm BPF	488	20500	\$ 195.00
PN-ZX000042	514nm BPF	514.5	19400	\$ 195.00
PN-ZX000041	532nm BPF	532	18800	\$ 195.00
PN-ZX000040	633nm BPF	633	15800	\$ 195.00
PN-ZX000039	785nm BPF	785	12700	\$ 195.00
PN-ZX000155	830nm BPF	830	12000	\$ 195.00
PN-ZX000156	1064nm BPF	1064	9398	\$ 195.00

Other wavelengths and volume pricing available upon request

All prices in US Dollars

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