

Laser Line filters

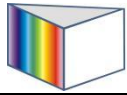
Laser Line Filters are ideal for transmitting laser light while suppressing ambient light, Hangzhou Shalom EO provides the filters whose central wavelengths at common laser lines. Our filters have excellent out-of-band blocking, less than 0.01% or 10⁻⁴. Besides the listed filters, we also provide the customized laser line filters for your request.



SPECIFICATIONS

Specifications	
Central Wavelength Tolerance	+/-20% of Nominal Bandwidth
Bandwidth Tolerance	+/-20% max
Blocking	< 0.01% (OD4)
Diameter Sizes(mm)	12, 12.7, 15.0, 25.0, 25.4
Clear Apertures(mm)	8.0, 8.0, 10.5, 20.5, 20.5
Temperature Range	-50°C to 80°C

Note: The custom specifications are available upon customer's request.



Laser Type	Central Wavelength (nm)	BandWidth (nm)	Peak Trans. (%)
N2	337.1	11	30
XeF	352.0	12	40
Cd	441.6	10	45
Ar	488.0	3	35
	488.0	10	45
Ar	514.5	3	40
	514.5	10	45
Nd-YAG	532.0	3	40
	532.0	10	45
HeNe	632.8	3	45
	632.8	10	45
GaAlAs	635	10	45
Kr	647.1	10	45
GaAlAs	650	10	45
GaAlAs	670	10	45
RuBy	694.3	10	45
GaAlAs	730	11	45
GaAlAs	750	11	45
GaAlAs	780	11	45
GaAlAs	808	11	45
GaAlAs	830	12	45
GaAlAs	850	12	45
GaAlAs	880	12	45
GaAlAs	905	12.5	45
GaAlAs	940	13.2	45
GaAlAs	980	12	45
Nd Yag	1060	10	45
Nd Yag	1064	10	45
HeNe IR	1152	11	45
InGaAsP	1310	12	45
Nd Yag	1320	12	45
HeNe IR	1523	10	45
InGaAsP	1550	10	45