

Filters

Absorption, and particularly wavelength selective absorption is an important factor in the function of the filters. The two most commonly used absorbers are thin metallic films which are particularly insensitive to wavelength for absorption, and colored glasses which absorb wavelengths varied by as much as several orders of magnitudes in only tens of nanometers. Interference filters are multilayer dielectric thin film devices. Metallic films, colored glasses and thin dielectric films filter are all available from UltiQuest.

Bandpass Filters

Specifications:

Material: BK7 glass

Aperture: 1.5 x 1.5 mm²

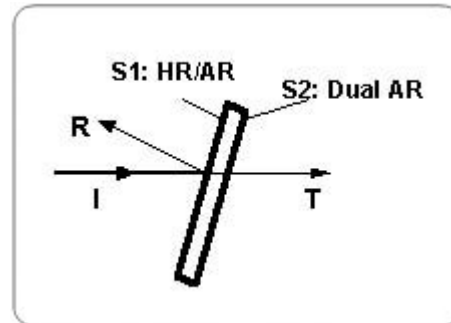
Thickness: 0.7mm

Dimension Tolerance: ±0.1mm

Bandwidth: ±20nm

Incident Angle: 6° ± 2°

Wedge: 0.5°



Part No.	Insertion Loss(dB)		
	980nm	1310nm	1550nm
BPF9813	<0.1	>30	
BPF1398	>30	<0.1	
BPF1315		<0.1	>30
BPF1513		>30	<0.1
BPF9815	<0.1		>30
BPF1598	>30		<0.1