

Filter For Drone-Based Applications

Description

We are delighted to offer series of filters specially designed for remote monitoring by drones. Filters are covered from UV band to IR band.

Applications

- Monitor forest fire
- Agricultural monitoring
- Detect Corona and Arcing Emitted on high voltage equipment
- Range Finding
- Image recognition



Benefits

- Wide field of view with minimal spectral shift
- High transmission
- High temperature stability
- Size and shape as your request

Products

Band	CWL	FWHM	T _{peak}	Blocking(average)
UV	266nm	20nm	T>20%	OD12@300-700nm
VIS	440nm	15nm	T>90%	OD4@UV-1200nm
	505nm	20nm	T>90%	OD4@UV-1200nm
	665nm	15nm	T>90%	OD4@UV-1200nm
NIR	840nm	15nm	T>90%	OD4@UV-1200nm
	905nm	15nm	T>90%	OD4@UV-1200nm
	940nm	15nm	T>90%	OD4@UV-1200nm
	1550nm	60nm	T>90%	OD4@UV-1800nm
	1575nm	60nm	T>90%	OD4@UV-1800nm
IR	3.4μ m	140nm	T>85%	OD3@UV-11μ m
	4.66μ m	180nm	T>85%	OD3@UV-11μ m
	5.33μ m	300nm	T>85%	OD3@UV-11μ m
	7.3μ m	180nm	T>85%	OD3@UV-11μ m