

# UV broadband DUG11

## Product Information

UV broadband DUG11 filters provide superior blocking in the visible and NIR by combining UG11 filter glass and hard coated dielectric layers.

## Applications

UV broadband DUG11 filters provide versatile solutions:

- Analytical instrumentation
- Spectroscopy
- Water purification
- Chemical analysis

## Advantages

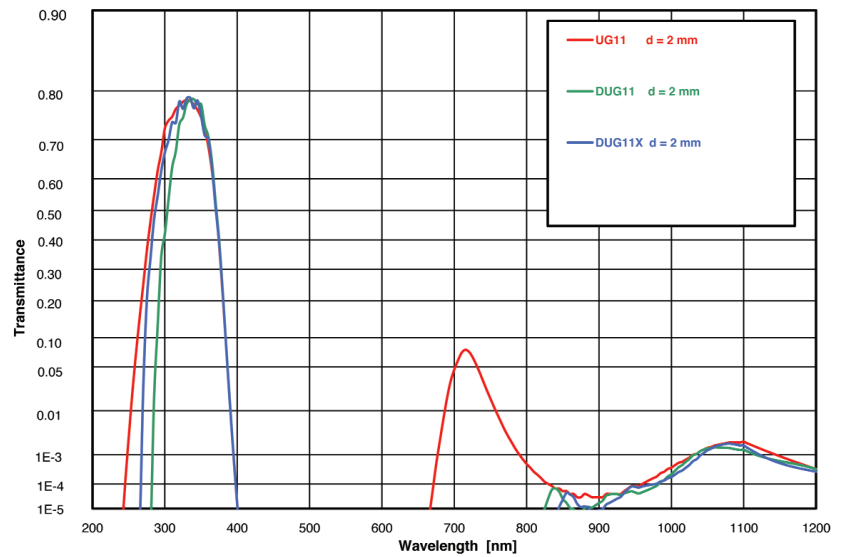
- Excellent blocking range
- High UV stability (solarization resistance)
- Eliminates need for multiple filters

## Quality Assurance

Quality control is based on statistical process control as well as on rigorous final inspection. Measurement instruments include a broad range of spectrophotometers, vision systems, beam deflection, etc.

## Application Support

Please contact us with your filter specifications. Our experienced application team is trained to find the right solution for your application.



## Specifications

	DUG11	DUG11X (upon request)
Thickness	2.0 +/- 0.1 mm	
Center Wavelength	Approx. 340 nm	Approx. 320 nm
Half width	Approx. 70 nm	Approx. 100 nm
Peak Transmission	≥ 70%	
Average Transmission in Blocking Range	≤ 10 <sup>-5</sup> (below 260 nm)	
	≤ 10 <sup>-8</sup> (420 nm - 649 nm)	
	≤ 5x10 <sup>-6</sup> (650 nm - 799 nm)	
	≤ 5x10 <sup>-4</sup> (800 nm - 999 nm)	
	≤ 5x10 <sup>-3</sup> (1000 nm - 1200 nm)	
Humidity Resistance	MIL-Std-810 C	
Coating Abrasion Resistance	MIL-C-675 C	
Coating Adhesion	MIL-M-13508 C	

For more information please contact:

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