

Argon-Gap™ UV Bandpass Filters

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Argon-Gap™ UV Bandpass Filters

These 206 to 300 nm bandpass filters are fabricated using our Argon-Gap™ Technology. These filters demonstrate superior spectral stability and field lifetime in demanding applications such as water purification and environmental monitoring. Argon-Gap™ technology employs a proprietary sealing process that eliminates sources of solarization by-products, such as epoxy sealants.

- 206 to 300 nm center wavelengths
- Argon-gap filter technology
- Superior spectral stability and field lifetime
- Eliminates sources of solarization

[See All Features](#)



Compare	Model	Availability	Pr
	10BPF10-206 UV Bandpass Filter, 25.4 mm, 206±2 nm Center, 12±2 nm FWHM	In Stock	\$389
	10BPF10-214 UV Bandpass Filter, 25.4 mm, 214±3 nm Center, 11±3 nm FWHM	Contact Us	\$389
	10BPF10-228 UV Bandpass Filter, 25.4 mm, 228±2 nm Center, 11±3 nm FWHM	Contact Us	\$389
	10BPF10-232 UV Bandpass Filter, 25.4 mm, 232±2 nm Center, 11±3 nm FWHM	In Stock	\$389
	10BPF10-239 UV Bandpass Filter, 25.4 mm, 239±2 nm Center, 11±3 nm FWHM	In Stock	\$389
	10BPF10-250 UV Bandpass Filter, 25.4 mm, 250±3 nm Center, 11±3 nm FWHM	In Stock	\$389
	10BPF10-260 UV Bandpass Filter, 25.4 mm, 260±3 nm Center, 11±3 nm FWHM	Contact Us	\$389
	10BPF10-265 UV Bandpass Filter, 25.4 mm, 265±2 nm Center, 12±2 nm FWHM	Contact Us	\$389
	10BPF10-270 UV Bandpass Filter, 25.4 mm, 270±3 nm Center, 12±2 nm FWHM	Contact Us	\$389
	10BPF10-280 UV Bandpass Filter, 25.4 mm, 280±3 nm Center, 12±2 nm FWHM	In Stock	\$389
	10BPF10-289 UV Bandpass Filter, 25.4 mm, 289±3 nm Center, 12±2 nm FWHM	In Stock	\$389
	10BPF10-295 UV Bandpass Filter, 25.4 mm, 295±2 nm Center, 12±2 nm FWHM	2 Weeks	\$389
	10BPF10-300 UV Bandpass Filter, 25.4 mm, 300±3 nm Center, 12±2 nm FWHM	2 Weeks	\$389

Specifications

Type	UV Bandpass Filter	Minimum Peak Transmission	12%
Size	Ø25.4 mm	Clear Aperture	20.2 mm
Effective Index of Refraction	1.39	Temperature Range	-50° to +100°C
Surface Quality	80-50 scratch-dig	Wavelength Shift with Temperature	0.01 to 0.02 nm/°C
Thickness	5.1 mm	Humidity Resistance	
Size Tolerance	+0/-0.5 mm		

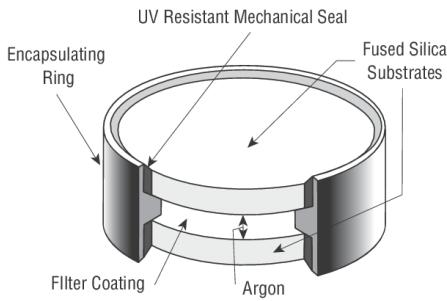
 Argon-Gap™ UV Bandpass Filters

Per MIL-STD-810E, method 507.3, procedure III, mode 5 to 5 cycles

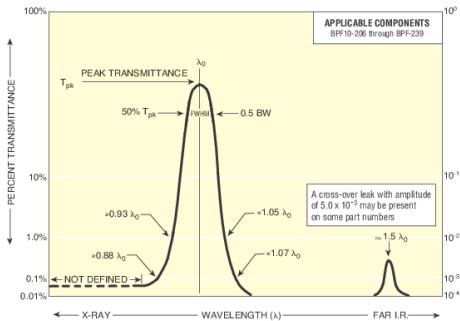
Features

Argon-Gap Technology

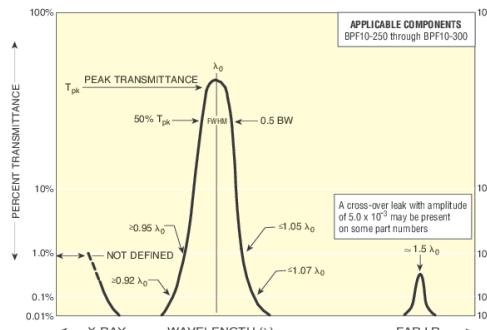
Our UV band-pass filters in the 214 nm to 300 nm range are fabricated using our Argon-Gap Technology. These filters demonstrate superior spectral stability and field lifetime in demanding applications such as water purification and environmental monitoring. Argon-Gap technology employs a proprietary sealing process that eliminates sources of solarization by-products, such as epoxy sealants. Solarization by-products, which are created by the chemical breakdown of organic materials resulting from exposure to ultraviolet light, are a principal cause of premature failure of short-UV filters.



Transmittance Data Curve for 206 to 239 nm Models



Transmittance Data Curve for 250 to 300 nm Models



Optical Filter Mounts

We offer a wide variety of optical filter mounts for securing and locating your optical filter. Popular types include:

- Edge Grip Clamp Filter Mounts
- Spring Clamp Filter Holders
- Indexed Optical Filter Wheels
- Stackable Optical Filter Mounts
- Flip-up Optical Filter Mounts

Accessories

UV Bandpass Filters with Center Wavelength in 300-400 nm Region

Compare	Description	Drawings, CAD & Specs	Avail.	Price
	10BPF10-310 Bandpass Filter, 25.4 mm, 310±2 nm Center, 11±2 nm FWHM		In Stock	\$497.70 US
	10BPF10-320 Bandpass Filter, 25.4 mm, 320±2 nm Center, 12±2 nm FWHM		Contact Us	\$508.20 US
	10BPF10-330 Bandpass Filter, 25.4 mm, 330±2 nm Center, 11±2 nm FWHM		In Stock	\$378 US
	10BPF10-340 Bandpass Filter, 25.4 mm, 340±2 nm Center, 12±2 nm FWHM		Contact Us	\$376.95 US

Compare	Description	Argon-Gap™ UV Bandpass Filters	Drawings, CAD & Specs	Avail.	Price
	10BPF10-350 Bandpass Filter, 25.4 mm, 350±2 nm Center, 11±2 nm FWHM		In Stock	\$376.95 US	
	10BPF10-360 Bandpass Filter, 25.4 mm, 360±2 nm Center, 11±2 nm FWHM		In Stock	\$376.95 US	
	10BPF10-370 Bandpass Filter, 25.4 mm, 370±2 nm Center, 12±2 nm FWHM		In Stock	\$376.95 US	
	10BPF10-380 Bandpass Filter, 25.4 mm, 380±2 nm Center, 12±2 nm FWHM		In Stock	\$366.45 US	
	10BPF10-390 Bandpass Filter, 25.4 mm, 390±2 nm Center, 12±2 nm FWHM		In Stock	\$366.45 US	

Notes:

These filters feature scribed and laminated construction.

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Support: +61

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