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TECHSPEC® UV Fused Silica Double-Concave (DCV) Lenses



- Negative Focal Lengths for Beam Expansion or Light Projection Applications
- Wavelength Range of 200 - 2200nm
- Popular UV-AR Coating Option Available

Common Specifications

General

Note:

Max. Flat Annulus is 0.3mm

Physical & Mechanical Properties

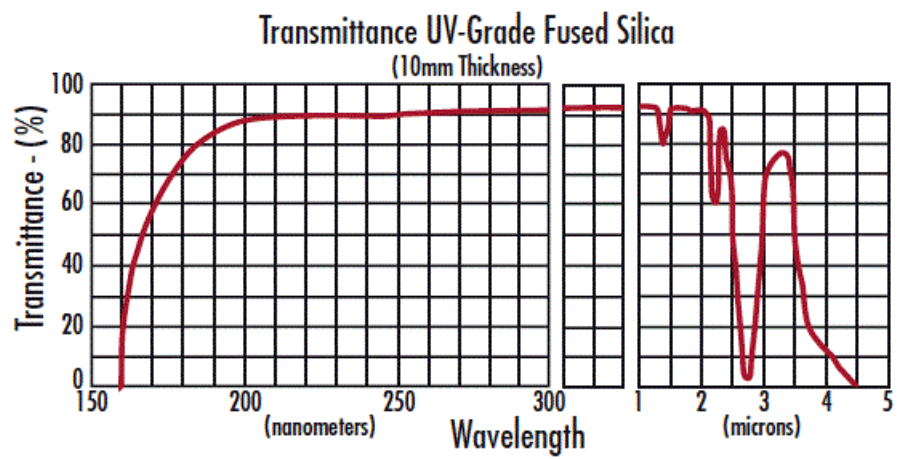
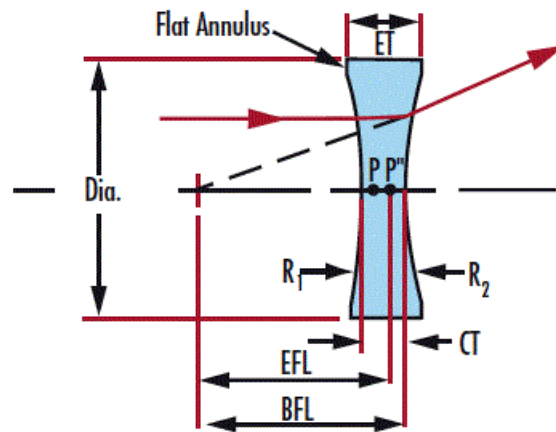
Centering (arcmin):

<1

Optical Properties

Substrate:	Fused Silica (Corning 7980)	Focal Length Specification Wavelength (nm):	587.6
Focal Length Tolerance (%):	±2	Surface Quality:	40-20
Power (P-V) @ 632.8nm:	1.5λ	Irregularity (P-V) @ 632.8nm:	λ/4

Technical Information



UV FS Transmission Curve

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
12.00	-20.00	-20.67	Uncoated	Fused Silica	#48-054	£106.81 Volume Pricing	20+ In Stock
12.00	-20.00	-20.67	UV-AR (250-425nm)	Fused Silica	#48-058	£127.82 Volume Pricing	4 In Stock
12.00	-30.00	-30.68	Uncoated	Fused Silica	#48-055	£106.81 Volume Pricing	1 In Stock
12.00	-30.00	-30.68	UV-AR (250-425nm)	Fused Silica	#48-059	£127.82 Volume Pricing	5 In Stock
12.00	-35.00	-35.68	Uncoated	Fused Silica	#48-056	£106.81 Volume Pricing	20+ In Stock
12.00	-35.00	-35.68	UV-AR (250-425nm)	Fused Silica	#48-060	£127.82 Volume Pricing	Contact Us
12.00	-45.00	-45.68	Uncoated	Fused Silica	#48-057	£106.81 Volume Pricing	20+ In Stock
12.00	-45.00	-45.68	UV-AR (250-425nm)	Fused Silica	#48-061	£127.82 Volume Pricing	4 In Stock
25.00	-50.00	-50.85	Uncoated	Fused Silica	#48-327	£115.57 Volume Pricing	20+ In Stock
25.00	-50.00	-50.85	UV-AR (250-425nm)	Fused Silica	#48-330	£136.58 Volume Pricing	5 In Stock
25.00	- 100.00	- 100.85	Uncoated	Fused Silica	#48-328	£115.57 Volume Pricing	20+ In Stock
25.00	- 100.00	- 100.85	UV-AR (250-425nm)	Fused Silica	#48-331	£136.58 Volume Pricing	10 In Stock
25.00	- 125.00	- 125.85	Uncoated	Fused Silica	#48-329	£115.57 Volume Pricing	11 In Stock
25.00	- 125.00	- 125.85	UV-AR (250-425nm)	Fused Silica	#48-332	£136.58 Volume Pricing	11 In Stock



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