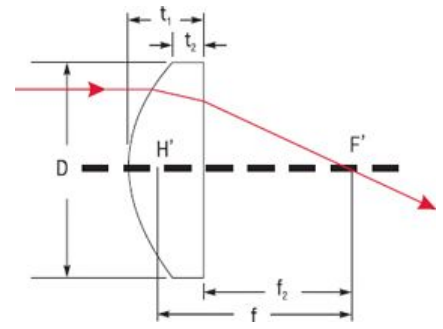


General Specifications

Substrate Material	: BK7 glass / UV grade fused silica
Surface Figure	: $\lambda/10$ at 633nm (Typ.)
Surface Quality	: 10-5 scratch & dig
Dimensional Tolerance	: + 0.00mm, - 0.25mm
Thickness Tolerance	: ± 0.25 mm
Clear Aperture	: Center 90% of the diameter
Focal Length Tolerance	: $\pm 0.5\%$ at 633nm



Wavelengths for standard AR coatings

Laser line

Wavelength (nm)	Coating code	Material
193	193	UV grade FS
248	248	UV grade FS
266	266	UV grade FS
308	308	UV grade FS
325	325	UV grade FS
355	355	UV grade FS
405	405	BK7
442	442	BK7
488	488	BK7
514.5	515	BK7
532	532	UV grade FS/BK7
633	633	BK7
780	780	BK7
808	808	BK7
980	980	BK7
1053	1053	UV grade FS/BK7
1064	1064	UV grade FS/BK7
1550	1550	BK7

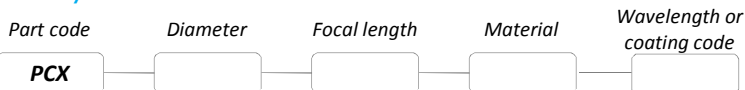
Broadband

Wavelength range (nm)	Coating code	Material
248-355	UV	UV grade FS
355-532	UVIS	UV grade FS
425-675	VIS	UV grade FS/BK7
670-1064	NIR1	UV grade FS/BK7
1050-1600	NIR2	UV grade FS/BK7

Part Number	Diameter (mm)	Focal length (mm)	Part Number	Diameter (mm)	Focal length (mm)
PCX-12.7-20- λ	12.7	20	PCX-25.4-300- λ	25.4	300
PCX-12.7-25- λ	12.7	25	PCX-38.1-300- λ	38.1	300
PCX-25.4-25- λ	25.4	25	PCX-50.8-300- λ	50.8	300
PCX-25.4-35- λ	25.4	35	PCX-25.4-350- λ	25.4	350
PCX-25.4-40- λ	25.4	40	PCX-50.8-350- λ	50.8	350
PCX-12.7-50- λ	12.7	50	PCX-25.4-400- λ	25.4	400
PCX-25.4-50- λ	25.4	50	PCX-25.4-500- λ	25.4	500
PCX-25.4-60- λ	25.4	60	PCX-38.1-500- λ	38.1	500
PCX-38.1-60- λ	38.1	60	PCX-50.8-500- λ	50.8	500
PCX-25.4-75- λ	25.4	75	PCX-25.4-600- λ	25.4	600
PCX-38.1-75- λ	38.1	75	PCX-38.1-600- λ	38.1	600
PCX-50.8-75- λ	50.8	75	PCX-50.8-600- λ	50.8	600
PCX-25.4-100- λ	25.4	100	PCX-25.4-700- λ	25.4	700
PCX-38.1-100- λ	38.1	100	PCX-50.8-700- λ	50.8	700
PCX-50.8-100- λ	50.8	100	PCX-25.4-1000- λ	25.4	1000
PCX-25.4-125- λ	25.4	125	PCX-38.1-1000- λ	38.1	1000
PCX-38.1-125- λ	38.1	125	PCX-50.8-1000- λ	50.8	1000
PCX-50.8-125- λ	50.8	125	PCX-25.4-1500- λ	25.4	1500
PCX-25.4-150- λ	25.4	150	PCX-50.8-1500- λ	50.8	1500
PCX-50.8-150- λ	50.8	150	PCX-25.4-2000- λ	25.4	2000
PCX-25.4-200- λ	25.4	200	PCX-50.8-2000- λ	50.8	2000
PCX-38.1-200- λ	38.1	200	PCX-25.4-3000- λ	25.4	3000
PCX-50.8-200- λ	50.8	200	PCX-50.8-3000- λ	50.8	3000
PCX-25.4-250- λ	25.4	250	PCX-25.4-4000- λ	25.4	4000
PCX-38.1-250- λ	38.1	250	PCX-50.8-4000- λ	50.8	4000

* Custom sizes and focal lengths on request

Order/Product Nomenclature



Order example : PCX-25.4-75-UV-193
: PCX-38.1-600-BK-532

Material	Material code
UV grade FS	UV
BK7 Glass	BK