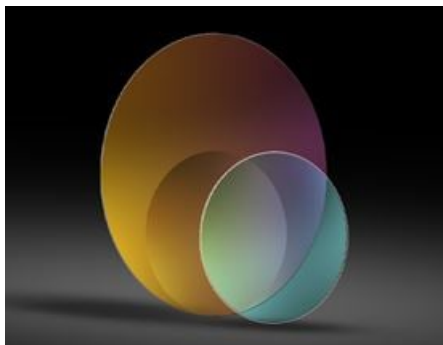


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 [Fused Silica Plano-Convex \(PCX\) Lenses](#)

TECHSPEC®

Thin Fused Silica Plano-Convex (PCX) Laser Lenses



- Ultra-Thin Center Thickness
- UV or IR Fused Silica Substrates
- Low Loss Broadband IBS Anti-Reflection Coatings

Common Specifications

Physical & Mechanical Properties

Centering (arcmin):	<3
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Optical Properties

Surface Quality:	20-10
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Power (P-V) @ 632.8nm:	1.5λ
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Irregularity (P-V) @ 632.8nm:	λ/8
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Focal Length Tolerance (%):	±1
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Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
12.70	50.06	49.03	Uncoated	Fused Silica (Corning 7980)	#11-711	£73.10 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-671	£86.23 Volume Pricing	3 In Stock
12.70	50.06	49.03	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-652	£86.23 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-633	£86.23 Volume Pricing	9 In Stock
12.70	50.06	49.03	Uncoated	Fused Silica IR Grade	#11-692	£84.92 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-614	£99.81 Volume Pricing	1 In Stock
12.70	75.09	74.06	Uncoated	Fused Silica (Corning 7980)	#11-712	£73.10 Volume Pricing	12 In Stock
12.70	75.09	74.06	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-672	£86.23 Volume Pricing	6 In Stock
12.70	75.09	74.06	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-653	£86.23 Volume Pricing	20+ In Stock
12.70	75.09	74.06	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-634	£86.23 Volume Pricing	14 In Stock
12.70	75.09	74.06	Uncoated	Fused Silica IR Grade	#11-693	£84.92 Volume Pricing	14 In Stock
12.70	75.09	74.06	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-615	£99.81 Volume Pricing	3 In Stock
12.70	100.12	99.09	Uncoated	Fused Silica (Corning 7980)	#11-713	£73.10 Volume Pricing	20+ In Stock

12.70	100.12	99.09	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-673	£86.23 Volume Pricing	14 In Stock
12.70	100.12	99.09	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-654	£86.23 Volume Pricing	11 In Stock
12.70	100.12	99.09	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-635	£86.23 Volume Pricing	7 In Stock
12.70	100.12	99.09	Uncoated	Fused Silica IR Grade	#11-694	£84.92 Volume Pricing	20+ In Stock
12.70	100.12	99.09	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-616	£99.81 Volume Pricing	12 In Stock
12.70	125.16	124.13	Uncoated	Fused Silica (Corning 7980)	#11-714	£73.10 Volume Pricing	20+ In Stock
12.70	125.16	124.13	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-674	£86.23 Volume Pricing	4 In Stock
12.70	125.16	124.13	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-655	£86.23 Volume Pricing	20+ In Stock
12.70	125.16	124.13	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-636	£86.23 Volume Pricing	6 In Stock
12.70	125.16	124.13	Uncoated	Fused Silica IR Grade	#11-695	£84.92 Volume Pricing	1 In Stock
12.70	125.16	124.13	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-617	£99.81 Volume Pricing	9 In Stock
12.70	150.17	149.15	Uncoated	Fused Silica (Corning 7980)	#11-715	£73.10 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-675	£86.23 Volume Pricing	7 In Stock

12.70	150.17	149.15	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-656	£86.23 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-637	£86.23 Volume Pricing	8 In Stock
12.70	150.17	149.15	Uncoated	Fused Silica IR Grade	#11-696	£84.92 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-618	£99.81 Volume Pricing	4 In Stock
12.70	200.23	199.20	Uncoated	Fused Silica (Corning 7980)	#11-716	£73.10 Volume Pricing	20+ In Stock
12.70	200.23	199.20	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-676	£86.23 Volume Pricing	1 In Stock
12.70	200.23	199.20	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-657	£86.23 Volume Pricing	2 In Stock
12.70	200.23	199.20	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-638	£86.23 Volume Pricing	10 In Stock
12.70	200.23	199.20	Uncoated	Fused Silica IR Grade	#11-697	£84.92 Volume Pricing	20+ In Stock
12.70	200.23	199.20	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-619	£99.81 Volume Pricing	3 In Stock
12.70	250.29	249.26	Uncoated	Fused Silica (Corning 7980)	#11-717	£73.10 Volume Pricing	5 In Stock
12.70	250.29	249.26	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-677	£86.23 Volume Pricing	11 In Stock
12.70	250.29	249.26	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-658	£86.23 Volume Pricing	8 In Stock
12.70	250.29	249.26	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-639	£86.23 Volume Pricing	10 In Stock
12.70	250.29	249.26	Uncoated	Fused Silica IR Grade	#11-698	£84.92 Volume Pricing	20+ In Stock

12.70	250.29	249.26	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-620	£99.81 Volume Pricing	20+ In Stock
12.70	300.35	299.32	Uncoated	Fused Silica (Corning 7980)	#11-718	£73.10 Volume Pricing	20+ In Stock
12.70	300.35	299.32	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-678	£86.23 Volume Pricing	8 In Stock
12.70	300.35	299.32	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-659	£86.23 Volume Pricing	5 In Stock
12.70	300.35	299.32	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-640	£86.23 Volume Pricing	12 In Stock
12.70	300.35	299.32	Uncoated	Fused Silica IR Grade	#11-699	£84.92 Volume Pricing	20+ In Stock
12.70	300.35	299.32	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-621	£99.81 Volume Pricing	9 In Stock
25.40	200.23	199.14	Uncoated	Fused Silica (Corning 7980)	#11-719	£96.31 Volume Pricing	20+ In Stock
25.40	200.23	199.14	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-679	£119.07 Volume Pricing	20+ In Stock
25.40	200.23	199.14	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-660	£119.07 Volume Pricing	1 In Stock
25.40	200.23	199.14	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-641	£119.07 Volume Pricing	11 In Stock
25.40	200.23	199.14	Uncoated	Fused Silica IR Grade	#11-700	£126.07 Volume Pricing	8 In Stock
25.40	200.23	199.14	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-622	£164.59 Volume Pricing	8 In Stock
25.40	250.29	249.19	Uncoated	Fused Silica (Corning 7980)	#11-720	£96.31 Volume Pricing	20+ In Stock

25.40	250.29	249.19	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-680	£119.07 Volume Pricing	3 In Stock
25.40	250.29	249.19	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-661	£119.07 Volume Pricing	8 In Stock
25.40	250.29	249.19	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-642	£119.07 Volume Pricing	6 In Stock
25.40	250.29	249.19	Uncoated	Fused Silica IR Grade	#11-701	£126.07 Volume Pricing	20+ In Stock
25.40	250.29	249.19	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-623	£164.59 Volume Pricing	8 In Stock
25.40	300.35	299.25	Uncoated	Fused Silica (Corning 7980)	#11-721	£96.31 Volume Pricing	20+ In Stock
25.40	300.35	299.25	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-681	£119.07 Volume Pricing	10 In Stock
25.40	300.35	299.25	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-662	£119.07 Volume Pricing	10 In Stock
25.40	300.35	299.25	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-643	£119.07 Volume Pricing	5 In Stock
25.40	300.35	299.25	Uncoated	Fused Silica IR Grade	#11-702	£126.07 Volume Pricing	20+ In Stock
25.40	300.35	299.25	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-624	£164.59 Volume Pricing	6 In Stock
25.40	350.41	349.31	Uncoated	Fused Silica (Corning 7980)	#11-722	£96.31 Volume Pricing	14 In Stock
25.40	350.41	349.31	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-682	£119.07 Volume Pricing	7 In Stock
25.40	350.41	349.31	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-663	£119.07 Volume Pricing	8 In Stock

25.40	350.41	349.31	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-644	£119.07 Volume Pricing	2 In Stock
25.40	350.41	349.31	Uncoated	Fused Silica IR Grade	#11-703	£126.07 Volume Pricing	20+ In Stock
25.40	350.41	349.31	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-625	£164.59 Volume Pricing	9 In Stock
25.40	400.47	399.37	Uncoated	Fused Silica (Corning 7980)	#11-723	£96.31 Volume Pricing	3 In Stock
25.40	400.47	399.37	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-683	£119.07 Volume Pricing	11 In Stock
25.40	400.47	399.37	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-664	£119.07 Volume Pricing	20+ In Stock
25.40	400.47	399.37	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-645	£119.07 Volume Pricing	5 In Stock
25.40	400.47	399.37	Uncoated	Fused Silica IR Grade	#11-704	£126.07 Volume Pricing	20+ In Stock
25.40	400.47	399.37	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-626	£164.59 Volume Pricing	4 In Stock
25.40	450.52	449.43	Uncoated	Fused Silica (Corning 7980)	#11-724	£96.31 Volume Pricing	20+ In Stock
25.40	450.52	449.43	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-684	£119.07 Volume Pricing	3 In Stock
25.40	450.52	449.43	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-665	£119.07 Volume Pricing	5 In Stock
25.40	450.52	449.43	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-646	£119.07 Volume Pricing	4 In Stock
25.40	450.52	449.43	Uncoated	Fused Silica IR Grade	#11-705	£126.07 Volume Pricing	20+ In Stock
25.40	450.52	499.49	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-627	£164.59 Volume Pricing	14 In Stock

25.40	500.58	499.49	Uncoated	Fused Silica (Corning 7980)	#11-725	£96.31 Volume Pricing	20+ In Stock
25.40	500.58	499.49	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-685	£119.07 Volume Pricing	5 In Stock
25.40	500.58	499.49	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-666	£119.07 Volume Pricing	3 In Stock
25.40	500.58	499.49	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-647	£119.07 Volume Pricing	12 In Stock
25.40	500.58	499.49	Uncoated	Fused Silica IR Grade	#11-706	£126.07 Volume Pricing	20+ In Stock
25.40	500.58	499.49	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-628	£164.59 Volume Pricing	9 In Stock
25.40	750.87	749.78	Uncoated	Fused Silica (Corning 7980)	#11-726	£96.31 Volume Pricing	20+ In Stock
25.40	750.00	749.72	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-686	£119.07 Volume Pricing	13 In Stock
25.40	750.87	749.78	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-667	£119.07 Volume Pricing	7 In Stock
25.40	750.87	749.78	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-648	£119.07 Volume Pricing	17 In Stock
25.40	750.87	749.78	Uncoated	Fused Silica IR Grade	#11-707	£126.07 Volume Pricing	20+ In Stock
25.40	750.87	749.78	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-629	£164.59 Volume Pricing	8 In Stock
25.40	1,001.17	1000.07	Uncoated	Fused Silica (Corning 7980)	#11-727	£96.31 Volume Pricing	20+ In Stock
25.40	1,000.00	999.99	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-687	£119.07 Volume Pricing	5 In Stock

25.40	1,001.17	1000.07	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-668	£119.07 Volume Pricing	1 In Stock
25.40	1,001.17	1000.07	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-649	£119.07 Volume Pricing	8 In Stock
25.40	1,001.17	1000.07	Uncoated	Fused Silica IR Grade	#11-708	£126.07 Volume Pricing	20+ In Stock
25.40	1,001.17	1000.07	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-630	£164.59 Volume Pricing	10 In Stock
25.40	1,501.75	1500.65	Uncoated	Fused Silica (Corning 7980)	#11-728	£96.31 Volume Pricing	20+ In Stock
25.40	1,500.00	1500.54	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-688	£119.07 Volume Pricing	7 In Stock
25.40	1,501.75	1500.65	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-669	£119.07 Volume Pricing	11 In Stock
25.40	1,501.75	1500.65	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-650	£119.07 Volume Pricing	4 In Stock
25.40	1,501.75	1500.65	Uncoated	Fused Silica IR Grade	#11-709	£126.07 Volume Pricing	20+ In Stock
25.40	1,501.75	1500.65	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-631	£164.59 Volume Pricing	10 In Stock
25.40	2,002.33	2001.23	Uncoated	Fused Silica (Corning 7980)	#11-729	£96.31 Volume Pricing	13 In Stock
25.40	2,000.00	2001.08	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-689	£119.07 Volume Pricing	14 In Stock
25.40	2,002.33	2001.23	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-670	£119.07 Volume Pricing	3 In Stock
25.40	2,002.33	2001.23	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-651	£119.07 Volume Pricing	14 In Stock
25.40	2,002.33	2001.23	Uncoated	Fused Silica IR Grade	#11-710	£126.07 Volume Pricing	20+ In Stock

25.40	2,002.33	2001.23	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-632	£164.59 Volume Pricing	17 In Stock
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