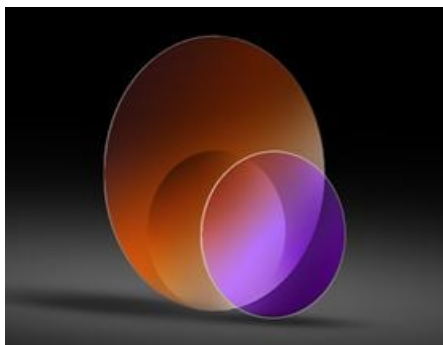


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 [UV and IR Plano-Convex \(PCX\) Lenses](#)

TECHSPEC® Ultrafast Thin Plano-Convex (PCX) Lenses



- Ultra-Thin Center Thickness to Limit GDD
- Low Loss Broadband IBS Anti-Reflection Coating
- Ideal for Ultrafast and Laser Optics Applications
- UV or IR Grade Fused Silica Substrates

Common Specifications

Physical & Mechanical Properties

Centering (arcmin): <3

Optical Properties

Surface Quality: 20-10

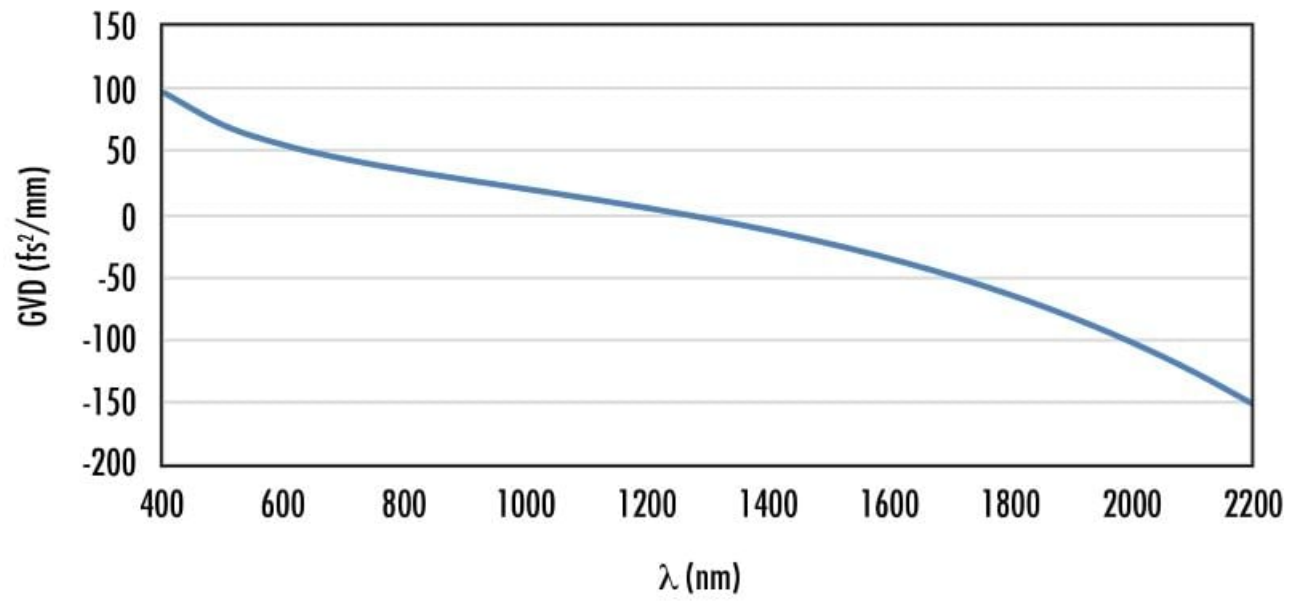
Power (P-V) @ 632.8nm: 1.5λ

Irregularity (P-V) @ 632.8nm: $\lambda/8$

Focal Length Tolerance (%): ± 1

Technical Information

Calculated GVD of Fused Silica



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	£74.00 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-671	£87.20 Volume Pricing	3 In Stock
12.70	50.06	49.03	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-633	£87.20 Volume Pricing	16 In Stock
12.70	50.06	49.03	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-652	£87.20 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-633	£87.20 Volume Pricing	9 In Stock
12.70	50.06	49.03	Uncoated	Fused Silica IR Grade	#11-692	£85.60 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-614	£100.80 Volume Pricing	1 In Stock
12.70	75.09	74.06	Uncoated	Fused Silica (Corning 7980)	#11-712	£74.00 Volume Pricing	12 In Stock
12.70	75.09	74.06	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-672	£87.20 Volume Pricing	6 In Stock
12.70	75.09	74.06	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-634	£87.20 Volume Pricing	14 In Stock
12.70	75.09	74.06	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-653	£87.20 Volume Pricing	20+ In Stock
12.70	75.09	74.06	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-634	£87.20 Volume Pricing	14 In Stock
12.70	75.09	74.06	Uncoated	Fused Silica IR Grade	#11-693	£85.60 Volume Pricing	14 In Stock

12.70	75.09	74.06	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-615	£100.80 Volume Pricing	3 In Stock
12.70	100.12	99.09	Uncoated	Fused Silica (Corning 7980)	#11-713	£74.00 Volume Pricing	20+ In Stock
12.70	100.12	99.09	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-673	£87.20 Volume Pricing	14 In Stock
12.70	100.12	99.09	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-635	£87.20 Volume Pricing	9 In Stock
12.70	100.12	99.09	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-654	£87.20 Volume Pricing	11 In Stock
12.70	100.12	99.09	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-635	£87.20 Volume Pricing	7 In Stock
12.70	100.12	99.09	Uncoated	Fused Silica IR Grade	#11-694	£85.60 Volume Pricing	20+ In Stock
12.70	100.12	99.09	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-616	£100.80 Volume Pricing	12 In Stock
12.70	125.16	124.13	Uncoated	Fused Silica (Corning 7980)	#11-714	£74.00 Volume Pricing	20+ In Stock
12.70	125.16	124.13	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-674	£87.20 Volume Pricing	4 In Stock
12.70	125.16	124.13	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-636	£87.20 Volume Pricing	2 In Stock
12.70	125.16	124.13	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-655	£87.20 Volume Pricing	20+ In Stock
12.70	125.16	124.13	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-636	£87.20 Volume Pricing	6 In Stock
12.70	125.16	124.13	Uncoated	Fused Silica IR Grade	#11-695	£85.60 Volume Pricing	1 In Stock

12.70	125.16	124.13	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-617	£100.80 Volume Pricing	9 In Stock
12.70	150.17	149.15	Uncoated	Fused Silica (Corning 7980)	#11-715	£74.00 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-675	£87.20 Volume Pricing	7 In Stock
12.70	150.17	149.15	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-637	£87.20 Volume Pricing	5 In Stock
12.70	150.17	149.15	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-656	£87.20 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-637	£87.20 Volume Pricing	8 In Stock
12.70	150.17	149.15	Uncoated	Fused Silica IR Grade	#11-696	£85.60 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-618	£100.80 Volume Pricing	4 In Stock
12.70	200.23	199.20	Uncoated	Fused Silica (Corning 7980)	#11-716	£74.00 Volume Pricing	20+ In Stock
12.70	200.23	199.20	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-676	£87.20 Volume Pricing	1 In Stock
12.70	200.23	199.20	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-638	£87.20 Volume Pricing	10 In Stock
12.70	200.23	199.20	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-657	£87.20 Volume Pricing	2 In Stock
12.70	200.23	199.20	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-638	£87.20 Volume Pricing	10 In Stock
12.70	200.23	199.20	Uncoated	Fused Silica IR Grade	#11-697	£85.60 Volume Pricing	20+ In Stock

12.70	200.23	199.20	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-619	£100.80 Volume Pricing	3 In Stock
12.70	250.29	249.26	Uncoated	Fused Silica (Corning 7980)	#11-717	£74.00 Volume Pricing	5 In Stock
12.70	250.29	249.26	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-677	£87.20 Volume Pricing	11 In Stock
12.70	250.29	249.26	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-639	£87.20 Volume Pricing	11 In Stock
12.70	250.29	249.26	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-658	£87.20 Volume Pricing	8 In Stock
12.70	250.29	249.26	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-639	£87.20 Volume Pricing	10 In Stock
12.70	250.29	249.26	Uncoated	Fused Silica IR Grade	#11-698	£85.60 Volume Pricing	20+ In Stock
12.70	250.29	249.26	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-620	£100.80 Volume Pricing	20+ In Stock
12.70	300.35	299.32	Uncoated	Fused Silica (Corning 7980)	#11-718	£74.00 Volume Pricing	20+ In Stock
12.70	300.35	299.32	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-678	£87.20 Volume Pricing	8 In Stock
12.70	300.35	299.32	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-640	£87.20 Volume Pricing	12 In Stock
12.70	300.35	299.32	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-659	£87.20 Volume Pricing	5 In Stock
12.70	300.35	299.32	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-640	£87.20 Volume Pricing	12 In Stock
12.70	300.35	299.32	Uncoated	Fused Silica IR Grade	#11-699	£85.60 Volume Pricing	20+ In Stock

12.70	300.35	299.32	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-621	£100.80 Volume Pricing	9 In Stock
25.40	200.23	199.14	Uncoated	Fused Silica (Corning 7980)	#11-719	£97.60 Volume Pricing	20+ In Stock
25.40	200.23	199.14	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-679	£120.80 Volume Pricing	20+ In Stock
25.40	200.23	199.14	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-641	£120.80 Volume Pricing	Contact Us
25.40	200.23	199.14	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-660	£120.80 Volume Pricing	Contact Us
25.40	200.23	199.14	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-641	£120.80 Volume Pricing	11 In Stock
25.40	200.23	199.14	Uncoated	Fused Silica IR Grade	#11-700	£127.20 Volume Pricing	8 In Stock
25.40	200.23	199.14	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-622	£166.40 Volume Pricing	8 In Stock
25.40	250.29	249.19	Uncoated	Fused Silica (Corning 7980)	#11-720	£97.60 Volume Pricing	20+ In Stock
25.40	250.29	249.19	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-680	£120.80 Volume Pricing	3 In Stock
25.40	250.29	249.19	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-642	£120.80 Volume Pricing	17 In Stock
25.40	250.29	249.19	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-661	£120.80 Volume Pricing	8 In Stock
25.40	250.29	249.19	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-642	£120.80 Volume Pricing	6 In Stock
25.40	250.29	249.19	Uncoated	Fused Silica IR Grade	#11-701	£127.20 Volume Pricing	20+ In Stock

25.40	250.29	249.19	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-623	£166.40 Volume Pricing	8 In Stock
25.40	300.35	299.25	Uncoated	Fused Silica (Corning 7980)	#11-721	£97.60 Volume Pricing	20+ In Stock
25.40	300.35	299.25	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-681	£120.80 Volume Pricing	10 In Stock
25.40	300.35	299.25	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-643	£120.80 Volume Pricing	6 In Stock
25.40	300.35	299.25	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-662	£120.80 Volume Pricing	10 In Stock
25.40	300.35	299.25	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-643	£120.80 Volume Pricing	5 In Stock
25.40	300.35	299.25	Uncoated	Fused Silica IR Grade	#11-702	£127.20 Volume Pricing	20+ In Stock
25.40	300.35	299.25	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-624	£166.40 Volume Pricing	6 In Stock
25.40	350.41	349.31	Uncoated	Fused Silica (Corning 7980)	#11-722	£97.60 Volume Pricing	14 In Stock
25.40	350.41	349.31	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-682	£120.80 Volume Pricing	7 In Stock
25.40	350.41	349.31	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-644	£120.80 Volume Pricing	17 In Stock
25.40	350.41	349.31	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-663	£120.80 Volume Pricing	8 In Stock
25.40	350.41	349.31	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-644	£120.80 Volume Pricing	2 In Stock
25.40	350.41	349.31	Uncoated	Fused Silica IR Grade	#11-703	£127.20 Volume Pricing	20+ In Stock

25.40	350.41	349.31	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-625	£166.40 Volume Pricing	9 In Stock
25.40	400.47	399.37	Uncoated	Fused Silica (Corning 7980)	#11-723	£97.60 Volume Pricing	3 In Stock
25.40	400.47	399.37	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-683	£120.80 Volume Pricing	11 In Stock
25.40	400.47	399.37	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-645	£120.80 Volume Pricing	6 In Stock
25.40	400.47	399.37	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-664	£120.80 Volume Pricing	20+ In Stock
25.40	400.47	399.37	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-645	£120.80 Volume Pricing	5 In Stock
25.40	400.47	399.37	Uncoated	Fused Silica IR Grade	#11-704	£127.20 Volume Pricing	20+ In Stock
25.40	400.47	399.37	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-626	£166.40 Volume Pricing	4 In Stock
25.40	450.52	449.43	Uncoated	Fused Silica (Corning 7980)	#11-724	£97.60 Volume Pricing	20+ In Stock
25.40	450.52	449.43	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-684	£120.80 Volume Pricing	3 In Stock
25.40	450.52	449.43	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-646	£120.80 Volume Pricing	3 In Stock
25.40	450.52	449.43	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-665	£120.80 Volume Pricing	5 In Stock
25.40	450.52	449.43	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-646	£120.80 Volume Pricing	4 In Stock
25.40	450.52	449.43	Uncoated	Fused Silica IR Grade	#11-705	£127.20 Volume Pricing	20+ In Stock

25.40	450.52	499.49	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-627	£166.40 Volume Pricing	14 In Stock
25.40	500.58	499.49	Uncoated	Fused Silica (Corning 7980)	#11-725	£97.60 Volume Pricing	20+ In Stock
25.40	500.58	499.49	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-685	£120.80 Volume Pricing	5 In Stock
25.40	500.58	499.49	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-647	£120.80 Volume Pricing	15 In Stock
25.40	500.58	499.49	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-666	£120.80 Volume Pricing	3 In Stock
25.40	500.58	499.49	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-647	£120.80 Volume Pricing	12 In Stock
25.40	500.58	499.49	Uncoated	Fused Silica IR Grade	#11-706	£127.20 Volume Pricing	20+ In Stock
25.40	500.58	499.49	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-628	£166.40 Volume Pricing	9 In Stock
25.40	750.00	749.72	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-686	£120.80 Volume Pricing	13 In Stock
25.40	750.87	749.78	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-648	£120.80 Volume Pricing	14 In Stock
25.40	750.87	749.78	Uncoated	Fused Silica (Corning 7980)	#11-726	£97.60 Volume Pricing	20+ In Stock
25.40	750.87	749.78	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-667	£120.80 Volume Pricing	7 In Stock
25.40	750.87	749.78	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-648	£120.80 Volume Pricing	17 In Stock
25.40	750.87	749.78	Uncoated	Fused Silica IR Grade	#11-707	£127.20 Volume Pricing	20+ In Stock

25.40	750.87	749.78	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-629	£166.40 Volume Pricing	8 In Stock
25.40	1,000.00	999.99	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-687	£120.80 Volume Pricing	5 In Stock
25.40	1,001.17	1000.07	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-649	£120.80 Volume Pricing	5 In Stock
25.40	1,001.17	1000.07	Uncoated	Fused Silica (Corning 7980)	#11-727	£97.60 Volume Pricing	20+ In Stock
25.40	1,001.17	1000.07	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-668	£120.80 Volume Pricing	Contact Us
25.40	1,001.17	1000.07	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-649	£120.80 Volume Pricing	8 In Stock
25.40	1,001.17	1000.07	Uncoated	Fused Silica IR Grade	#11-708	£127.20 Volume Pricing	20+ In Stock
25.40	1,001.17	1000.07	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-630	£166.40 Volume Pricing	10 In Stock
25.40	1,500.00	1500.54	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-688	£120.80 Volume Pricing	7 In Stock
25.40	1,501.75	1500.65	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-650	£120.80 Volume Pricing	Contact Us
25.40	1,501.75	1500.65	Uncoated	Fused Silica (Corning 7980)	#11-728	£97.60 Volume Pricing	20+ In Stock
25.40	1,501.75	1500.65	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-669	£120.80 Volume Pricing	9 In Stock
25.40	1,501.75	1500.65	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-650	£120.80 Volume Pricing	4 In Stock
25.40	1,501.75	1500.65	Uncoated	Fused Silica IR Grade	#11-709	£127.20 Volume Pricing	20+ In Stock

25.40	1,501.75	1500.65	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-631	£166.40 Volume Pricing	10 In Stock
25.40	2,000.00	2001.08	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-689	£120.80 Volume Pricing	14 In Stock
25.40	2,002.33	2001.23	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-651	£120.80 Volume Pricing	13 In Stock
25.40	2,002.33	2001.23	Uncoated	Fused Silica (Corning 7980)	#11-729	£97.60 Volume Pricing	13 In Stock
25.40	2,002.33	2001.23	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-670	£120.80 Volume Pricing	1 In Stock
25.40	2,002.33	2001.23	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-651	£120.80 Volume Pricing	14 In Stock
25.40	2,002.33	2001.23	Uncoated	Fused Silica IR Grade	#11-710	£127.20 Volume Pricing	20+ In Stock
25.40	2,002.33	2001.23	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-632	£166.40 Volume Pricing	17 In Stock



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