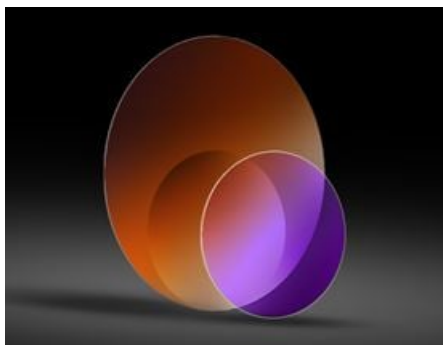


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 [UV and IR Plano-Convex \(PCX\) Lenses](#)

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

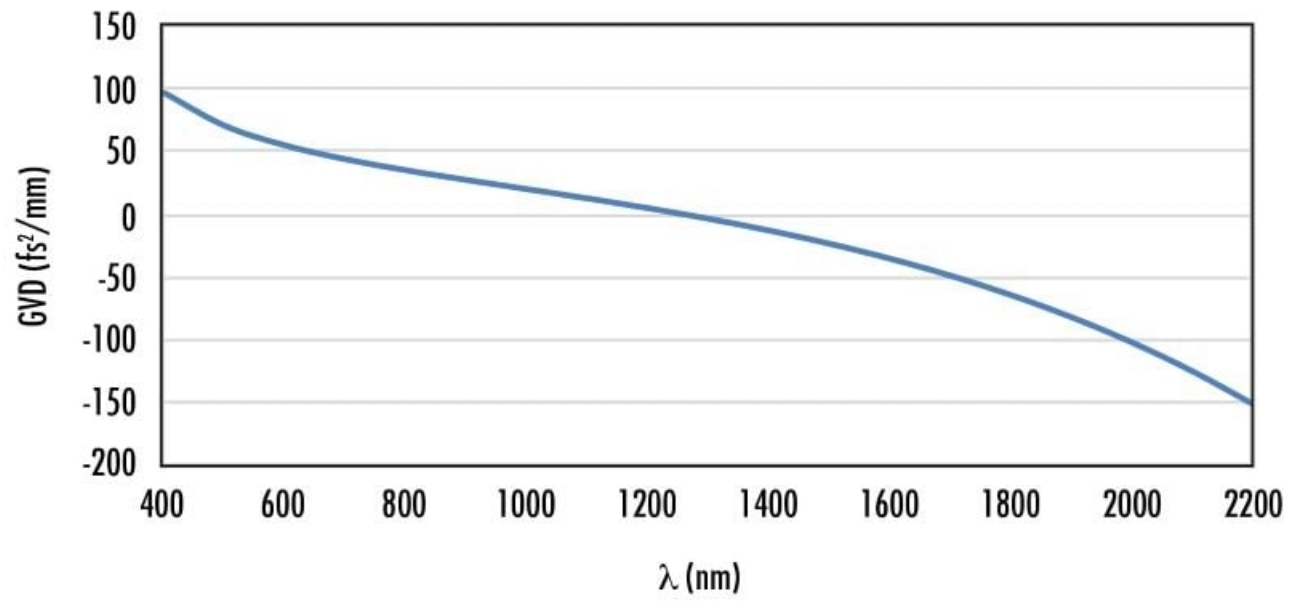
Power (P-V) @ 632.8nm: 1.5λ

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	C\$126.25 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-671	C\$148.93 Volume Pricing	3 In Stock
12.70	50.06	49.03	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-633	C\$148.93 Volume Pricing	16 In Stock
12.70	50.06	49.03	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-652	C\$148.93 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-633	C\$148.93 Volume Pricing	9 In Stock
12.70	50.06	49.03	Uncoated	Fused Silica IR Grade	#11-692	C\$146.66 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-614	C\$172.37 Volume Pricing	1 In Stock
12.70	75.09	74.06	Uncoated	Fused Silica (Corning 7980)	#11-712	C\$126.25 Volume Pricing	12 In Stock
12.70	75.09	74.06	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-672	C\$148.93 Volume Pricing	6 In Stock
12.70	75.09	74.06	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-634	C\$148.93 Volume Pricing	14 In Stock
12.70	75.09	74.06	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-653	C\$148.93 Volume Pricing	20+ In Stock
12.70	75.09	74.06	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-634	C\$148.93 Volume Pricing	14 In Stock
12.70	75.09	74.06	Uncoated	Fused Silica IR Grade	#11-693	C\$146.66 Volume Pricing	13 In Stock

12.70	75.09	74.06	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-615	C\$172.37 Volume Pricing	3 In Stock
12.70	100.12	99.09	Uncoated	Fused Silica (Corning 7980)	#11-713	C\$126.25 Volume Pricing	20+ In Stock
12.70	100.12	99.09	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-673	C\$148.93 Volume Pricing	14 In Stock
12.70	100.12	99.09	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-635	C\$148.93 Volume Pricing	9 In Stock
12.70	100.12	99.09	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-654	C\$148.93 Volume Pricing	11 In Stock
12.70	100.12	99.09	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-635	C\$148.93 Volume Pricing	7 In Stock
12.70	100.12	99.09	Uncoated	Fused Silica IR Grade	#11-694	C\$146.66 Volume Pricing	20+ In Stock
12.70	100.12	99.09	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-616	C\$172.37 Volume Pricing	12 In Stock
12.70	125.16	124.13	Uncoated	Fused Silica (Corning 7980)	#11-714	C\$126.25 Volume Pricing	20+ In Stock
12.70	125.16	124.13	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-674	C\$148.93 Volume Pricing	4 In Stock
12.70	125.16	124.13	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-636	C\$148.93 Volume Pricing	5 In Stock
12.70	125.16	124.13	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-655	C\$148.93 Volume Pricing	20+ In Stock
12.70	125.16	124.13	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-636	C\$148.93 Volume Pricing	6 In Stock
12.70	125.16	124.13	Uncoated	Fused Silica IR Grade	#11-695	C\$146.66 Volume Pricing	1 In Stock

12.70	125.16	124.13	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-617	C\$172.37 Volume Pricing	9 In Stock
12.70	150.17	149.15	Uncoated	Fused Silica (Corning 7980)	#11-715	C\$126.25 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-675	C\$148.93 Volume Pricing	7 In Stock
12.70	150.17	149.15	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-637	C\$148.93 Volume Pricing	5 In Stock
12.70	150.17	149.15	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-656	C\$148.93 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-637	C\$148.93 Volume Pricing	8 In Stock
12.70	150.17	149.15	Uncoated	Fused Silica IR Grade	#11-696	C\$146.66 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-618	C\$172.37 Volume Pricing	4 In Stock
12.70	200.23	199.20	Uncoated	Fused Silica (Corning 7980)	#11-716	C\$126.25 Volume Pricing	20+ In Stock
12.70	200.23	199.20	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-676	C\$148.93 Volume Pricing	1 In Stock
12.70	200.23	199.20	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-638	C\$148.93 Volume Pricing	10 In Stock
12.70	200.23	199.20	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-657	C\$148.93 Volume Pricing	2 In Stock
12.70	200.23	199.20	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-638	C\$148.93 Volume Pricing	10 In Stock
12.70	200.23	199.20	Uncoated	Fused Silica IR Grade	#11-697	C\$146.66 Volume Pricing	20+ In Stock

12.70	200.23	199.20	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-619	C\$172.37 Volume Pricing	3 In Stock
12.70	250.29	249.26	Uncoated	Fused Silica (Corning 7980)	#11-717	C\$126.25 Volume Pricing	5 In Stock
12.70	250.29	249.26	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-677	C\$148.93 Volume Pricing	11 In Stock
12.70	250.29	249.26	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-639	C\$148.93 Volume Pricing	11 In Stock
12.70	250.29	249.26	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-658	C\$148.93 Volume Pricing	8 In Stock
12.70	250.29	249.26	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-639	C\$148.93 Volume Pricing	10 In Stock
12.70	250.29	249.26	Uncoated	Fused Silica IR Grade	#11-698	C\$146.66 Volume Pricing	20+ In Stock
12.70	250.29	249.26	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-620	C\$172.37 Volume Pricing	20+ In Stock
12.70	300.35	299.32	Uncoated	Fused Silica (Corning 7980)	#11-718	C\$126.25 Volume Pricing	20+ In Stock
12.70	300.35	299.32	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-678	C\$148.93 Volume Pricing	8 In Stock
12.70	300.35	299.32	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-640	C\$148.93 Volume Pricing	12 In Stock
12.70	300.35	299.32	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-659	C\$148.93 Volume Pricing	5 In Stock
12.70	300.35	299.32	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-640	C\$148.93 Volume Pricing	12 In Stock
12.70	300.35	299.32	Uncoated	Fused Silica IR Grade	#11-699	C\$146.66 Volume Pricing	20+ In Stock

12.70	300.35	299.32	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-621	C\$172.37 Volume Pricing	9 In Stock
25.40	200.23	199.14	Uncoated	Fused Silica (Corning 7980)	#11-719	C\$166.32 Volume Pricing	20+ In Stock
25.40	200.23	199.14	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-679	C\$205.63 Volume Pricing	20+ In Stock
25.40	200.23	199.14	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-641	C\$205.63 Volume Pricing	Contact Us
25.40	200.23	199.14	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-660	C\$205.63 Volume Pricing	1 In Stock
25.40	200.23	199.14	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-641	C\$205.63 Volume Pricing	11 In Stock
25.40	200.23	199.14	Uncoated	Fused Silica IR Grade	#11-700	C\$217.73 Volume Pricing	8 In Stock
25.40	200.23	199.14	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-622	C\$284.26 Volume Pricing	8 In Stock
25.40	250.29	249.19	Uncoated	Fused Silica (Corning 7980)	#11-720	C\$166.32 Volume Pricing	20+ In Stock
25.40	250.29	249.19	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-680	C\$205.63 Volume Pricing	3 In Stock
25.40	250.29	249.19	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-642	C\$205.63 Volume Pricing	17 In Stock
25.40	250.29	249.19	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-661	C\$205.63 Volume Pricing	8 In Stock
25.40	250.29	249.19	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-642	C\$205.63 Volume Pricing	5 In Stock
25.40	250.29	249.19	Uncoated	Fused Silica IR Grade	#11-701	C\$217.73 Volume Pricing	20+ In Stock

25.40	250.29	249.19	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-623	C\$284.26 Volume Pricing	8 In Stock
25.40	300.35	299.25	Uncoated	Fused Silica (Corning 7980)	#11-721	C\$166.32 Volume Pricing	20+ In Stock
25.40	300.35	299.25	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-681	C\$205.63 Volume Pricing	10 In Stock
25.40	300.35	299.25	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-643	C\$205.63 Volume Pricing	6 In Stock
25.40	300.35	299.25	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-662	C\$205.63 Volume Pricing	10 In Stock
25.40	300.35	299.25	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-643	C\$205.63 Volume Pricing	5 In Stock
25.40	300.35	299.25	Uncoated	Fused Silica IR Grade	#11-702	C\$217.73 Volume Pricing	20+ In Stock
25.40	300.35	299.25	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-624	C\$284.26 Volume Pricing	6 In Stock
25.40	350.41	349.31	Uncoated	Fused Silica (Corning 7980)	#11-722	C\$166.32 Volume Pricing	14 In Stock
25.40	350.41	349.31	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-682	C\$205.63 Volume Pricing	7 In Stock
25.40	350.41	349.31	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-644	C\$205.63 Volume Pricing	17 In Stock
25.40	350.41	349.31	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-663	C\$205.63 Volume Pricing	8 In Stock
25.40	350.41	349.31	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-644	C\$205.63 Volume Pricing	2 In Stock
25.40	350.41	349.31	Uncoated	Fused Silica IR Grade	#11-703	C\$217.73 Volume Pricing	20+ In Stock

25.40	350.41	349.31	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-625	C\$284.26 Volume Pricing	8 In Stock
25.40	400.47	399.37	Uncoated	Fused Silica (Corning 7980)	#11-723	C\$166.32 Volume Pricing	3 In Stock
25.40	400.47	399.37	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-683	C\$205.63 Volume Pricing	11 In Stock
25.40	400.47	399.37	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-645	C\$205.63 Volume Pricing	6 In Stock
25.40	400.47	399.37	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-664	C\$205.63 Volume Pricing	20+ In Stock
25.40	400.47	399.37	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-645	C\$205.63 Volume Pricing	5 In Stock
25.40	400.47	399.37	Uncoated	Fused Silica IR Grade	#11-704	C\$217.73 Volume Pricing	20+ In Stock
25.40	400.47	399.37	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-626	C\$284.26 Volume Pricing	4 In Stock
25.40	450.52	449.43	Uncoated	Fused Silica (Corning 7980)	#11-724	C\$166.32 Volume Pricing	20+ In Stock
25.40	450.52	449.43	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-684	C\$205.63 Volume Pricing	3 In Stock
25.40	450.52	449.43	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-646	C\$205.63 Volume Pricing	3 In Stock
25.40	450.52	449.43	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-665	C\$205.63 Volume Pricing	5 In Stock
25.40	450.52	449.43	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-646	C\$205.63 Volume Pricing	4 In Stock
25.40	450.52	449.43	Uncoated	Fused Silica IR Grade	#11-705	C\$217.73 Volume Pricing	20+ In Stock

25.40	450.52	499.49	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-627	C\$284.26 Volume Pricing	14 In Stock
25.40	500.58	499.49	Uncoated	Fused Silica (Corning 7980)	#11-725	C\$166.32 Volume Pricing	20+ In Stock
25.40	500.58	499.49	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-685	C\$205.63 Volume Pricing	5 In Stock
25.40	500.58	499.49	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-647	C\$205.63 Volume Pricing	15 In Stock
25.40	500.58	499.49	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-666	C\$205.63 Volume Pricing	3 In Stock
25.40	500.58	499.49	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-647	C\$205.63 Volume Pricing	12 In Stock
25.40	500.58	499.49	Uncoated	Fused Silica IR Grade	#11-706	C\$217.73 Volume Pricing	20+ In Stock
25.40	500.58	499.49	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-628	C\$284.26 Volume Pricing	9 In Stock
25.40	750.00	749.72	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-686	C\$205.63 Volume Pricing	12 In Stock
25.40	750.87	749.78	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-648	C\$205.63 Volume Pricing	14 In Stock
25.40	750.87	749.78	Uncoated	Fused Silica (Corning 7980)	#11-726	C\$166.32 Volume Pricing	20+ In Stock
25.40	750.87	749.78	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-667	C\$205.63 Volume Pricing	7 In Stock
25.40	750.87	749.78	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-648	C\$205.63 Volume Pricing	17 In Stock
25.40	750.87	749.78	Uncoated	Fused Silica IR Grade	#11-707	C\$217.73 Volume Pricing	20+ In Stock

25.40	750.87	749.78	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-629	C\$284.26 Volume Pricing	8 In Stock
25.40	1,000.00	999.99	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-687	C\$205.63 Volume Pricing	5 In Stock
25.40	1,001.17	1000.07	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-649	C\$205.63 Volume Pricing	5 In Stock
25.40	1,001.17	1000.07	Uncoated	Fused Silica (Corning 7980)	#11-727	C\$166.32 Volume Pricing	20+ In Stock
25.40	1,001.17	1000.07	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-668	C\$205.63 Volume Pricing	1 In Stock
25.40	1,001.17	1000.07	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-649	C\$205.63 Volume Pricing	8 In Stock
25.40	1,001.17	1000.07	Uncoated	Fused Silica IR Grade	#11-708	C\$217.73 Volume Pricing	20+ In Stock
25.40	1,001.17	1000.07	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-630	C\$284.26 Volume Pricing	10 In Stock
25.40	1,500.00	1500.54	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-688	C\$205.63 Volume Pricing	7 In Stock
25.40	1,501.75	1500.65	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-650	C\$205.63 Volume Pricing	Contact Us
25.40	1,501.75	1500.65	Uncoated	Fused Silica (Corning 7980)	#11-728	C\$166.32 Volume Pricing	20+ In Stock
25.40	1,501.75	1500.65	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-669	C\$205.63 Volume Pricing	11 In Stock
25.40	1,501.75	1500.65	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-650	C\$205.63 Volume Pricing	4 In Stock
25.40	1,501.75	1500.65	Uncoated	Fused Silica IR Grade	#11-709	C\$217.73 Volume Pricing	20+ In Stock

25.40	1,501.75	1500.65	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-631	C\$284.26 Volume Pricing	10 In Stock
25.40	2,000.00	2001.08	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-689	C\$205.63 Volume Pricing	14 In Stock
25.40	2,002.33	2001.23	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-651	C\$205.63 Volume Pricing	13 In Stock
25.40	2,002.33	2001.23	Uncoated	Fused Silica (Corning 7980)	#11-729	C\$166.32 Volume Pricing	13 In Stock
25.40	2,002.33	2001.23	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-670	C\$205.63 Volume Pricing	3 In Stock
25.40	2,002.33	2001.23	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-651	C\$205.63 Volume Pricing	14 In Stock
25.40	2,002.33	2001.23	Uncoated	Fused Silica IR Grade	#11-710	C\$217.73 Volume Pricing	20+ In Stock
25.40	2,002.33	2001.23	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-632	C\$284.26 Volume Pricing	17 In Stock



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