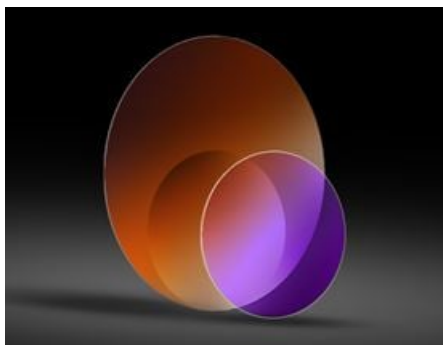


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 [UV and IR Plano-Convex \(PCX\) Lenses](#)

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

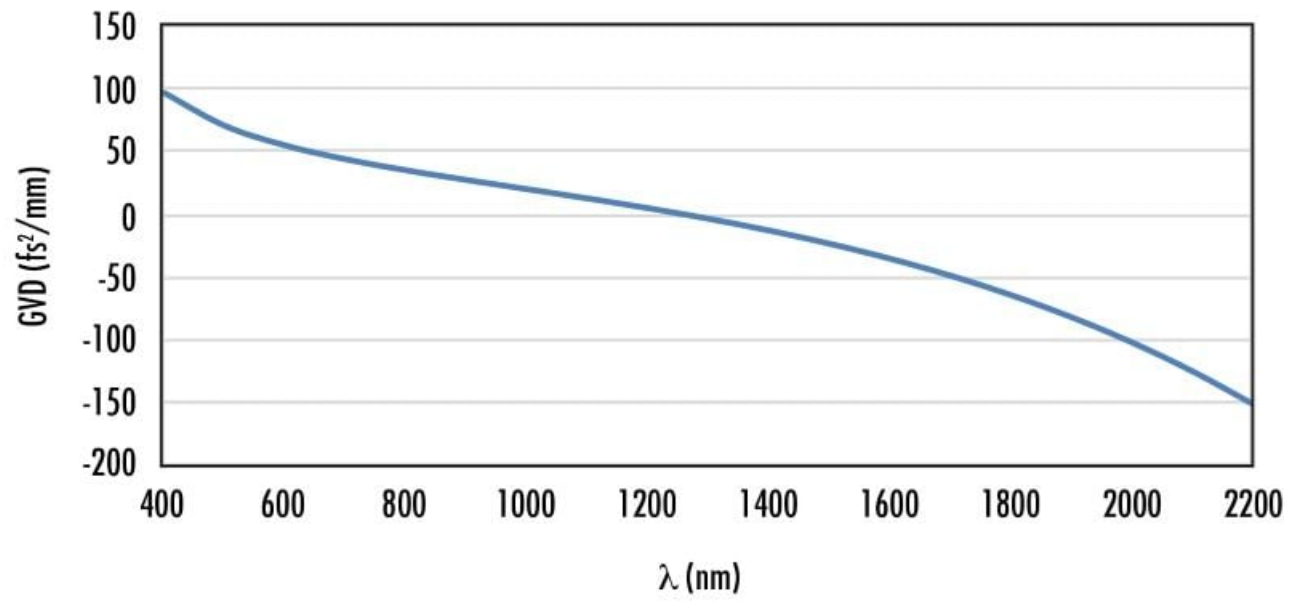
Power (P-V) @ 632.8nm: 1.5λ

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	A\$137.61 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-671	A\$162.33 Volume Pricing	3 In Stock
12.70	50.06	49.03	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-633	A\$162.33 Volume Pricing	16 In Stock
12.70	50.06	49.03	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-652	A\$162.33 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-633	A\$162.33 Volume Pricing	9 In Stock
12.70	50.06	49.03	Uncoated	Fused Silica IR Grade	#11-692	A\$159.86 Volume Pricing	20+ In Stock
12.70	50.06	49.03	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-614	A\$187.87 Volume Pricing	1 In Stock
12.70	75.09	74.06	Uncoated	Fused Silica (Corning 7980)	#11-712	A\$137.61 Volume Pricing	12 In Stock
12.70	75.09	74.06	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-672	A\$162.33 Volume Pricing	6 In Stock
12.70	75.09	74.06	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-634	A\$162.33 Volume Pricing	14 In Stock
12.70	75.09	74.06	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-653	A\$162.33 Volume Pricing	20+ In Stock
12.70	75.09	74.06	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-634	A\$162.33 Volume Pricing	14 In Stock
12.70	75.09	74.06	Uncoated	Fused Silica IR Grade	#11-693	A\$159.86 Volume Pricing	13 In Stock

12.70	75.09	74.06	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-615	A\$187.87 Volume Pricing	3 In Stock
12.70	100.12	99.09	Uncoated	Fused Silica (Corning 7980)	#11-713	A\$137.61 Volume Pricing	20+ In Stock
12.70	100.12	99.09	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-673	A\$162.33 Volume Pricing	14 In Stock
12.70	100.12	99.09	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-635	A\$162.33 Volume Pricing	9 In Stock
12.70	100.12	99.09	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-654	A\$162.33 Volume Pricing	11 In Stock
12.70	100.12	99.09	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-635	A\$162.33 Volume Pricing	7 In Stock
12.70	100.12	99.09	Uncoated	Fused Silica IR Grade	#11-694	A\$159.86 Volume Pricing	20+ In Stock
12.70	100.12	99.09	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-616	A\$187.87 Volume Pricing	12 In Stock
12.70	125.16	124.13	Uncoated	Fused Silica (Corning 7980)	#11-714	A\$137.61 Volume Pricing	20+ In Stock
12.70	125.16	124.13	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-674	A\$162.33 Volume Pricing	4 In Stock
12.70	125.16	124.13	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-636	A\$162.33 Volume Pricing	2 In Stock
12.70	125.16	124.13	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-655	A\$162.33 Volume Pricing	20+ In Stock
12.70	125.16	124.13	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-636	A\$162.33 Volume Pricing	6 In Stock
12.70	125.16	124.13	Uncoated	Fused Silica IR Grade	#11-695	A\$159.86 Volume Pricing	1 In Stock

12.70	125.16	124.13	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-617	A\$187.87 Volume Pricing	9 In Stock
12.70	150.17	149.15	Uncoated	Fused Silica (Corning 7980)	#11-715	A\$137.61 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-675	A\$162.33 Volume Pricing	7 In Stock
12.70	150.17	149.15	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-637	A\$162.33 Volume Pricing	5 In Stock
12.70	150.17	149.15	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-656	A\$162.33 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-637	A\$162.33 Volume Pricing	8 In Stock
12.70	150.17	149.15	Uncoated	Fused Silica IR Grade	#11-696	A\$159.86 Volume Pricing	20+ In Stock
12.70	150.17	149.15	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-618	A\$187.87 Volume Pricing	4 In Stock
12.70	200.23	199.20	Uncoated	Fused Silica (Corning 7980)	#11-716	A\$137.61 Volume Pricing	20+ In Stock
12.70	200.23	199.20	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-676	A\$162.33 Volume Pricing	1 In Stock
12.70	200.23	199.20	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-638	A\$162.33 Volume Pricing	10 In Stock
12.70	200.23	199.20	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-657	A\$162.33 Volume Pricing	2 In Stock
12.70	200.23	199.20	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-638	A\$162.33 Volume Pricing	10 In Stock
12.70	200.23	199.20	Uncoated	Fused Silica IR Grade	#11-697	A\$159.86 Volume Pricing	20+ In Stock

12.70	200.23	199.20	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-619	A\$187.87 Volume Pricing	3 In Stock
12.70	250.29	249.26	Uncoated	Fused Silica (Corning 7980)	#11-717	A\$137.61 Volume Pricing	5 In Stock
12.70	250.29	249.26	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-677	A\$162.33 Volume Pricing	11 In Stock
12.70	250.29	249.26	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-639	A\$162.33 Volume Pricing	11 In Stock
12.70	250.29	249.26	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-658	A\$162.33 Volume Pricing	8 In Stock
12.70	250.29	249.26	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-639	A\$162.33 Volume Pricing	10 In Stock
12.70	250.29	249.26	Uncoated	Fused Silica IR Grade	#11-698	A\$159.86 Volume Pricing	20+ In Stock
12.70	250.29	249.26	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-620	A\$187.87 Volume Pricing	20+ In Stock
12.70	300.35	299.32	Uncoated	Fused Silica (Corning 7980)	#11-718	A\$137.61 Volume Pricing	20+ In Stock
12.70	300.35	299.32	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-678	A\$162.33 Volume Pricing	8 In Stock
12.70	300.35	299.32	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-640	A\$162.33 Volume Pricing	12 In Stock
12.70	300.35	299.32	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-659	A\$162.33 Volume Pricing	5 In Stock
12.70	300.35	299.32	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-640	A\$162.33 Volume Pricing	12 In Stock
12.70	300.35	299.32	Uncoated	Fused Silica IR Grade	#11-699	A\$159.86 Volume Pricing	20+ In Stock

12.70	300.35	299.32	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-621	A\$187.87 Volume Pricing	9 In Stock
25.40	200.23	199.14	Uncoated	Fused Silica (Corning 7980)	#11-719	A\$181.28 Volume Pricing	20+ In Stock
25.40	200.23	199.14	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-679	A\$224.13 Volume Pricing	20+ In Stock
25.40	200.23	199.14	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-641	A\$224.13 Volume Pricing	Contact Us
25.40	200.23	199.14	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-660	A\$224.13 Volume Pricing	Contact Us
25.40	200.23	199.14	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-641	A\$224.13 Volume Pricing	11 In Stock
25.40	200.23	199.14	Uncoated	Fused Silica IR Grade	#11-700	A\$237.31 Volume Pricing	8 In Stock
25.40	200.23	199.14	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-622	A\$309.82 Volume Pricing	8 In Stock
25.40	250.29	249.19	Uncoated	Fused Silica (Corning 7980)	#11-720	A\$181.28 Volume Pricing	20+ In Stock
25.40	250.29	249.19	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-680	A\$224.13 Volume Pricing	3 In Stock
25.40	250.29	249.19	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-642	A\$224.13 Volume Pricing	17 In Stock
25.40	250.29	249.19	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-661	A\$224.13 Volume Pricing	8 In Stock
25.40	250.29	249.19	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-642	A\$224.13 Volume Pricing	5 In Stock
25.40	250.29	249.19	Uncoated	Fused Silica IR Grade	#11-701	A\$237.31 Volume Pricing	20+ In Stock

25.40	250.29	249.19	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-623	A\$309.82 Volume Pricing	8 In Stock
25.40	300.35	299.25	Uncoated	Fused Silica (Corning 7980)	#11-721	A\$181.28 Volume Pricing	20+ In Stock
25.40	300.35	299.25	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-681	A\$224.13 Volume Pricing	10 In Stock
25.40	300.35	299.25	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-643	A\$224.13 Volume Pricing	6 In Stock
25.40	300.35	299.25	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-662	A\$224.13 Volume Pricing	10 In Stock
25.40	300.35	299.25	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-643	A\$224.13 Volume Pricing	5 In Stock
25.40	300.35	299.25	Uncoated	Fused Silica IR Grade	#11-702	A\$237.31 Volume Pricing	20+ In Stock
25.40	300.35	299.25	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-624	A\$309.82 Volume Pricing	6 In Stock
25.40	350.41	349.31	Uncoated	Fused Silica (Corning 7980)	#11-722	A\$181.28 Volume Pricing	14 In Stock
25.40	350.41	349.31	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-682	A\$224.13 Volume Pricing	7 In Stock
25.40	350.41	349.31	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-644	A\$224.13 Volume Pricing	17 In Stock
25.40	350.41	349.31	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-663	A\$224.13 Volume Pricing	8 In Stock
25.40	350.41	349.31	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-644	A\$224.13 Volume Pricing	2 In Stock
25.40	350.41	349.31	Uncoated	Fused Silica IR Grade	#11-703	A\$237.31 Volume Pricing	20+ In Stock

25.40	350.41	349.31	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-625	A\$309.82 Volume Pricing	8 In Stock
25.40	400.47	399.37	Uncoated	Fused Silica (Corning 7980)	#11-723	A\$181.28 Volume Pricing	3 In Stock
25.40	400.47	399.37	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-683	A\$224.13 Volume Pricing	11 In Stock
25.40	400.47	399.37	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-645	A\$224.13 Volume Pricing	6 In Stock
25.40	400.47	399.37	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-664	A\$224.13 Volume Pricing	20+ In Stock
25.40	400.47	399.37	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-645	A\$224.13 Volume Pricing	5 In Stock
25.40	400.47	399.37	Uncoated	Fused Silica IR Grade	#11-704	A\$237.31 Volume Pricing	20+ In Stock
25.40	400.47	399.37	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-626	A\$309.82 Volume Pricing	4 In Stock
25.40	450.52	449.43	Uncoated	Fused Silica (Corning 7980)	#11-724	A\$181.28 Volume Pricing	20+ In Stock
25.40	450.52	449.43	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-684	A\$224.13 Volume Pricing	3 In Stock
25.40	450.52	449.43	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-646	A\$224.13 Volume Pricing	3 In Stock
25.40	450.52	449.43	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-665	A\$224.13 Volume Pricing	5 In Stock
25.40	450.52	449.43	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-646	A\$224.13 Volume Pricing	4 In Stock
25.40	450.52	449.43	Uncoated	Fused Silica IR Grade	#11-705	A\$237.31 Volume Pricing	20+ In Stock

25.40	450.52	499.49	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-627	A\$309.82 Volume Pricing	14 In Stock
25.40	500.58	499.49	Uncoated	Fused Silica (Corning 7980)	#11-725	A\$181.28 Volume Pricing	20+ In Stock
25.40	500.58	499.49	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-685	A\$224.13 Volume Pricing	5 In Stock
25.40	500.58	499.49	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-647	A\$224.13 Volume Pricing	15 In Stock
25.40	500.58	499.49	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-666	A\$224.13 Volume Pricing	3 In Stock
25.40	500.58	499.49	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-647	A\$224.13 Volume Pricing	12 In Stock
25.40	500.58	499.49	Uncoated	Fused Silica IR Grade	#11-706	A\$237.31 Volume Pricing	20+ In Stock
25.40	500.58	499.49	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-628	A\$309.82 Volume Pricing	9 In Stock
25.40	750.00	749.72	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-686	A\$224.13 Volume Pricing	12 In Stock
25.40	750.87	749.78	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-648	A\$224.13 Volume Pricing	14 In Stock
25.40	750.87	749.78	Uncoated	Fused Silica (Corning 7980)	#11-726	A\$181.28 Volume Pricing	20+ In Stock
25.40	750.87	749.78	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-667	A\$224.13 Volume Pricing	7 In Stock
25.40	750.87	749.78	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-648	A\$224.13 Volume Pricing	17 In Stock
25.40	750.87	749.78	Uncoated	Fused Silica IR Grade	#11-707	A\$237.31 Volume Pricing	20+ In Stock

25.40	750.87	749.78	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-629	A\$309.82 Volume Pricing	8 In Stock
25.40	1,000.00	999.99	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-687	A\$224.13 Volume Pricing	5 In Stock
25.40	1,001.17	1000.07	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-649	A\$224.13 Volume Pricing	5 In Stock
25.40	1,001.17	1000.07	Uncoated	Fused Silica (Corning 7980)	#11-727	A\$181.28 Volume Pricing	20+ In Stock
25.40	1,001.17	1000.07	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-668	A\$224.13 Volume Pricing	Contact Us
25.40	1,001.17	1000.07	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-649	A\$224.13 Volume Pricing	8 In Stock
25.40	1,001.17	1000.07	Uncoated	Fused Silica IR Grade	#11-708	A\$237.31 Volume Pricing	20+ In Stock
25.40	1,001.17	1000.07	BBAR (1900- 2200nm)	Fused Silica IR Grade	#11-630	A\$309.82 Volume Pricing	10 In Stock
25.40	1,500.00	1500.54	BBAR (370- 550nm)	Fused Silica (Corning 7980)	#11-688	A\$224.13 Volume Pricing	7 In Stock
25.40	1,501.75	1500.65	VIS-EXT (350- 700nm)	Fused Silica (Corning 7980)	#22-650	A\$224.13 Volume Pricing	Contact Us
25.40	1,501.75	1500.65	Uncoated	Fused Silica (Corning 7980)	#11-728	A\$181.28 Volume Pricing	20+ In Stock
25.40	1,501.75	1500.65	BBAR (700- 900nm)	Fused Silica (Corning 7980)	#11-669	A\$224.13 Volume Pricing	9 In Stock
25.40	1,501.75	1500.65	BBAR (950- 1150nm)	Fused Silica (Corning 7980)	#11-650	A\$224.13 Volume Pricing	4 In Stock
25.40	1,501.75	1500.65	Uncoated	Fused Silica IR Grade	#11-709	A\$237.31 Volume Pricing	20+ In Stock

25.40	1,501.75	1500.65	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-631	A\$309.82 Volume Pricing	10 In Stock
25.40	2,000.00	2001.08	BBAR (370-550nm)	Fused Silica (Corning 7980)	#11-689	A\$224.13 Volume Pricing	14 In Stock
25.40	2,002.33	2001.23	VIS-EXT (350-700nm)	Fused Silica (Corning 7980)	#22-651	A\$224.13 Volume Pricing	13 In Stock
25.40	2,002.33	2001.23	Uncoated	Fused Silica (Corning 7980)	#11-729	A\$181.28 Volume Pricing	13 In Stock
25.40	2,002.33	2001.23	BBAR (700-900nm)	Fused Silica (Corning 7980)	#11-670	A\$224.13 Volume Pricing	1 In Stock
25.40	2,002.33	2001.23	BBAR (950-1150nm)	Fused Silica (Corning 7980)	#11-651	A\$224.13 Volume Pricing	14 In Stock
25.40	2,002.33	2001.23	Uncoated	Fused Silica IR Grade	#11-710	A\$237.31 Volume Pricing	20+ In Stock
25.40	2,002.33	2001.23	BBAR (1900-2200nm)	Fused Silica IR Grade	#11-632	A\$309.82 Volume Pricing	17 In Stock



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