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

TECHSPEC®

633nm Laser Line Coated Fused Silica PCX Lenses



- <0.25% Reflection at 633nm for HeNe Applications
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- [405nm](#), [532nm](#), [1064nm](#), and [1550nm](#) V-Coated Options Offered

Common Specifications

Physical & Mechanical Properties

Bevel:

Protective bevel as needed

Optical Properties

Surface Quality: 40-20

Power (P-V) @ 632.8nm: 1.5λ

Irregularity (P-V) @ 632.8nm: λ/4

Focal Length Tolerance (%): ±1

Design Wavelength DWL (nm): 633

Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
5.00	10.00	8.63	Laser V-Coat (633nm)	Fused Silica	#34-106	€138,00 Qty 6+ €110,00	3-4 days
5.00	15.00	13.83	Laser V-Coat (633nm)	Fused Silica	#34-107	€130,00 Qty 6+ €104,00	3-4 days
5.00	20.00	18.97	Laser V-Coat (633nm)	Fused Silica	#34-108	€130,00 Qty 6+ €104,00	3-4 days
5.00	25.00	23.97	Laser V-Coat (633nm)	Fused Silica	#34-109	€130,00 Qty 6+ €104,00	3-4 days
6.00	12.00	10.63	633nm V-Coat	Fused Silica (Corning 7980)	#25-871	€137,00 Qty 6+ €110,00	3-4 days
6.00	21.00	19.63	633nm V-Coat	Fused Silica (Corning 7980)	#25-872	€132,00 Qty 6+ €106,00	3-4 days
6.00	24.00	22.63	633nm V-Coat	Fused Silica (Corning 7980)	#25-873	€132,00 Qty 6+ €106,00	3-4 days
6.00	36.00	34.63	633nm V-Coat	Fused Silica (Corning 7980)	#25-874	€132,00 Qty 6+ €106,00	3-4 days
9.00	12.00	9.26	633nm V-Coat	Fused Silica (Corning 7980)	#25-875	€140,00 Qty 6+ €112,00	3-4 days
9.00	18.00	15.94	633nm V-Coat	Fused Silica (Corning 7980)	#25-876	€140,00 Qty 6+ €112,00	3-4 days
9.00	27.00	25.63	633nm V-Coat	Fused Silica (Corning 7980)	#25-877	€135,00 Qty 6+ €108,00	3-4 days
9.00	36.00	34.63	633nm V-Coat	Fused Silica (Corning 7980)	#25-878	€135,00 Qty 6+ €108,00	3-4 days

12.00	18.00	15.26	Laser V-Coat (633nm)	Fused Silica	#34-110	€146,00 Qty 6+ €117,00	Contact Us
12.00	25.00	22.31	Laser V-Coat (633nm)	Fused Silica	#34-111	€146,00 Qty 6+ €117,00	3-4 days
12.00	30.00	27.56	Laser V-Coat (633nm)	Fused Silica	#34-112	€141,00 Qty 6+ €113,00	In Stock
12.00	36.00	34.29	Laser V-Coat (633nm)	Fused Silica	#34-113	€141,00 Qty 6+ €113,00	3-4 days
12.00	50.00	48.01	Laser V-Coat (633nm)	Fused Silica	#34-114	€133,00 Qty 6+ €106,00	In Stock
12.00	100.00	98.33	Laser V-Coat (633nm)	Fused Silica	#34-115	€133,00 Qty 6+ €106,00	3-4 days
25.00	38.00	33.03	Laser V-Coat (633nm)	Fused Silica	#34-116	€165,00 Qty 6+ €132,00	3-4 days
25.00	50.00	46.00	Laser V-Coat (633nm)	Fused Silica	#34-117	€165,00 Qty 6+ €132,00	3-4 days
25.00	60.00	56.92	Laser V-Coat (633nm)	Fused Silica	#34-118	€160,00 Qty 6+ €128,00	3-4 days
25.00	75.00	71.96	Laser V-Coat (633nm)	Fused Silica	#34-119	€160,00 Qty 6+ €128,00	3-4 days
25.00	100.00	97.40	Laser V-Coat (633nm)	Fused Silica	#34-120	€160,00 Qty 6+ €128,00	3-4 days
50.00	100.00	93.84	Laser V-Coat (633nm)	Fused Silica	#34-125	€309,00 Qty 6+ €247,00	3-4 days
25.00	125.00	122.65	Laser V-Coat (633nm)	Fused Silica	#34-121	€152,00 Qty 6+ €122,00	3-4 days
25.00	150.00	147.86	Laser V-Coat (633nm)	Fused Silica	#34-122	€152,00 Qty 6+ €122,00	3-4 days

25.00	200.00	198.02	Laser V-Coat (633nm)	Fused Silica	#34-123	€152,00 Qty 6+ €122,00	3-4 days
50.00	75.00	66.43	Laser V-Coat (633nm)	Fused Silica	#34-124	€309,00 Qty 6+ €247,00	3-4 days
50.00	150.00	145.20	Laser V-Coat (633nm)	Fused Silica	#34-126	€304,00 Qty 6+ €243,00	3-4 days
50.00	200.00	195.19	Laser V-Coat (633nm)	Fused Silica	#34-127	€304,00 Qty 6+ €243,00	3-4 days
50.00	250.00	245.21	Laser V-Coat (633nm)	Fused Silica	#34-128	€304,00 Qty 6+ €243,00	3-4 days



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