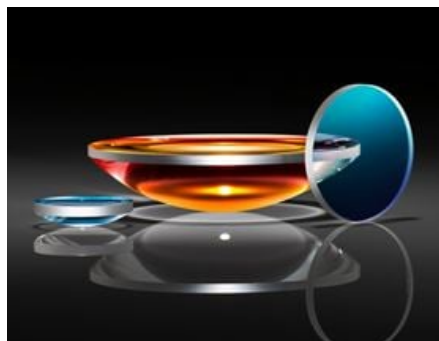


[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Plano-Convex \(PCX\) Lenses](#) / [Fused Silica Plano-Convex \(PCX\) Lenses](#)

TECHSPEC®

UV Fused Silica Plano-Convex (PCX) Lenses - Uncoated



- UV-Grade Fused Silica
- Wavelength Range of 200nm to 2.2μm
- Variety of Coating Options Available
- Various Coating Options: [MgF₂](#), [UV-AR](#), [UV-VIS](#), [VIS-EXT](#), [VIS-NIR](#), [VIS 0°](#), [YAG-BBAR](#), [NIR I](#), and [NIR II](#)

Common Specifications

Physical & Mechanical Properties

Bevel:

Protective bevel as needed

Optical Properties

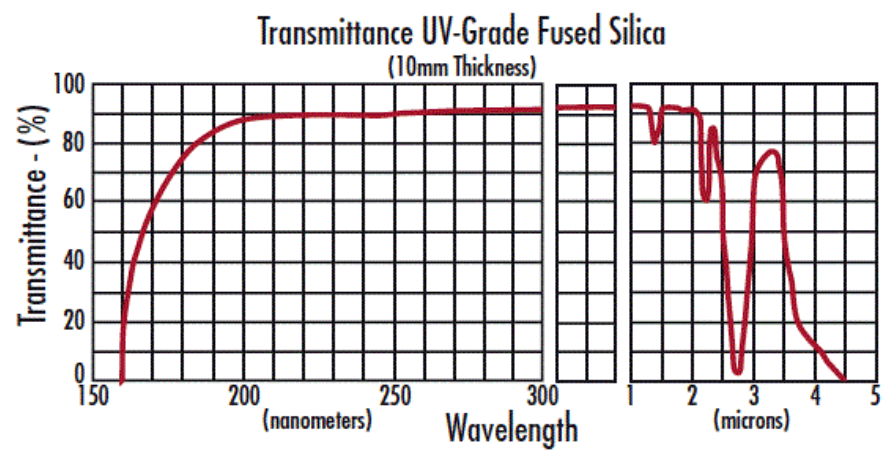
Coating:

Uncoated

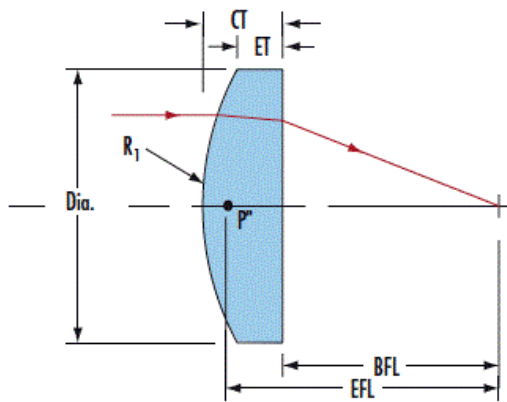
Power (P-V) @ 632.8nm:
 1.5λ
Irregularity (P-V) @ 632.8nm:
 $\lambda/4$
Focal Length Tolerance (%):
 ± 1
Wavelength Range (nm):

200 - 2200

Technical Information



UV FS Transmission Curve



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
#70-882 New							
							
New							
Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!							
2.00	4.00	3.46	Uncoated	Fused Silica		₹6,773 Qty 6+ ₹5,450	10 to 12 days
#70-883 New							
							
New							
Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!							
2.00	6.00	5.45	Uncoated	Fused Silica		₹6,384 Qty 6+ ₹5,138	10 to 12 days

[#70-884 New](#)



New

Launched
on our
website
before
appearing
in our
latest print
catalogs.
Be the
first to buy
before
anyone
else!

3.00 6.00 5.01 Uncoated

[Fused
Silica](#)

₹6,773
Qty 6+ ₹5,450

10 to 12 days

[#70-885 New](#)



New

Launched
on our
website
before
appearing
in our
latest print
catalogs.
Be the
first to buy
before
anyone
else!

3.00 9.00 8.11 Uncoated

[Fused
Silica](#)

₹6,384
Qty 6+ ₹5,138

10 to 12 days

[#70-886 New](#)



New

Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!

4.00 8.00 6.91 Uncoated

[Fused Silica](#)

₹8,330
Qty 6+ ₹6,695

10 to 12 days

[#70-888 New](#)



New

Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!

4.00 12.00 11.04 Uncoated

[Fused Silica](#)

₹7,941
Qty 6+ ₹6,384

10 to 12 days

5.00 10.00 8.63 Uncoated

[Fused Silica](#)

[#89-411](#)

₹9,108
Qty 6+ ₹7,318

10 to 12 days

5.00 15.00 13.83 Uncoated

[Fused Silica](#)

[#89-412](#)

₹8,564
Qty 6+ ₹6,851

10 to 12 days

5.00 20.00 18.97 Uncoated

[Fused Silica](#)

[#89-413](#)

₹8,564
Qty 6+ ₹6,851

10 to 12 days

5.00 25.00 23.97 Uncoated

[Fused Silica](#)

[#89-414](#)

₹8,564
Qty 6+ ₹6,851

10 to 12 days

6.00	9.00	7.29	Uncoated	Fused Silica	#45-690	₹9,342 Qty 6+ ₹7,474	10 to 12 days
6.00	12.00	10.63	Uncoated	Fused Silica	#45-691	₹9,342 Qty 6+ ₹7,474	10 to 12 days
6.00	15.00	13.63	Uncoated	Fused Silica	#48-664	₹8,953 Qty 6+ ₹7,162	10 to 12 days
6.00	18.00	16.62	Uncoated	Fused Silica	#45-692	₹8,953 Qty 6+ ₹7,162	10 to 12 days
6.00	21.00	19.63	Uncoated	Fused Silica	#36-679	₹8,953 Qty 6+ ₹7,162	10 to 12 days
6.00	24.00	22.63	Uncoated	Fused Silica	#48-665	₹8,953 Qty 6+ ₹7,162	10 to 12 days
6.00	36.00	34.63	Uncoated	Fused Silica	#36-680	₹8,953 Qty 6+ ₹7,162	10 to 12 days
9.00	12.00	9.26	Uncoated	Fused Silica	#48-666	₹9,498 Qty 6+ ₹7,629	10 to 12 days
9.00	13.50	11.44	Uncoated	Fused Silica	#45-693	₹9,498 Qty 6+ ₹7,629	10 to 12 days
9.00	18.00	15.94	Uncoated	Fused Silica	#45-694	₹9,498 Qty 6+ ₹7,629	10 to 12 days
9.00	22.00	19.94	Uncoated	Fused Silica	#36-681	₹9,108 Qty 6+ ₹7,318	Contact Us
9.00	27.00	25.63	Uncoated	Fused Silica	#45-695	₹9,108 Qty 6+ ₹7,318	10 to 12 days
9.00	36.00	34.63	Uncoated	Fused Silica	#48-667	₹9,108 Qty 6+ ₹7,318	10 to 12 days
10.00	20.00	17.94	Uncoated	Fused Silica	#36-682	₹9,731 Qty 6+ ₹7,785	10 to 12 days
10.00	25.00	22.94	Uncoated	Fused Silica	#36-683	₹9,731 Qty 6+ ₹7,785	10 to 12 days
12.00	18.00	15.26	Uncoated	Fused Silica	#48-668	₹9,731 Qty 6+ ₹7,785	10 to 12 days
12.00	25.00	22.31	Uncoated	Fused Silica	#48-024	₹9,731 Qty 6+ ₹7,785	10 to 12 days
12.00	30.00	27.56	Uncoated	Fused Silica	#48-025	₹9,342 Qty 6+ ₹7,474	10 to 12 days
12.00	36.00	34.29	Uncoated	Fused Silica	#48-669	₹9,342 Qty 6+ ₹7,474	10 to 12 days

12.00	40.00	37.85	Uncoated	Fused Silica	#48-026	₹9,342 Qty 6+ ₹7,474	10 to 12 days
12.00	50.00	48.01	Uncoated	Fused Silica	#48-027	₹8,719 Qty 6+ ₹7,007	10 to 12 days
12.00	72.00	70.29	Uncoated	Fused Silica	#36-684	₹8,719 Qty 6+ ₹7,007	10 to 12 days
12.00	84.00	82.28	Uncoated	Fused Silica	#36-685	₹8,719 Qty 6+ ₹7,007	10 to 12 days
12.00	100.00	98.33	Uncoated	Fused Silica	#48-028	₹8,719 Qty 6+ ₹7,007	10 to 12 days
15.00	25.00	22.09	Uncoated	Fused Silica	#84-277	₹10,276 Qty 6+ ₹8,252	10 to 12 days
15.00	30.00	27.53	Uncoated	Fused Silica	#84-278	₹10,276 Qty 6+ ₹8,252	10 to 12 days
15.00	45.00	42.94	Uncoated	Fused Silica	#84-279	₹9,887 Qty 6+ ₹7,941	10 to 12 days
15.00	60.00	57.94	Uncoated	Fused Silica	#84-280	₹9,887 Qty 6+ ₹7,941	10 to 12 days
15.00	75.00	72.94	Uncoated	Fused Silica	#84-281	₹9,887 Qty 6+ ₹7,941	10 to 12 days
18.00	27.00	23.23	Uncoated	Fused Silica	#36-686	₹10,276 Qty 6+ ₹8,252	10 to 12 days
18.00	36.00	32.92	Uncoated	Fused Silica	#36-687	₹10,276 Qty 6+ ₹8,252	10 to 12 days
18.00	54.00	51.6	Uncoated	Fused Silica	#36-688	₹9,887 Qty 6+ ₹7,941	10 to 12 days
20.00	30.00	25.88	Uncoated	Fused Silica	#49-959	₹10,665 Qty 6+ ₹8,564	10 to 12 days
20.00	35.00	31.58	Uncoated	Fused Silica	#49-960	₹10,665 Qty 6+ ₹8,564	7 days
20.00	40.00	36.92	Uncoated	Fused Silica	#49-961	₹10,665 Qty 6+ ₹8,564	10 to 12 days
20.00	50.00	47.25	Uncoated	Fused Silica	#49-962	₹10,276 Qty 6+ ₹8,252	10 to 12 days
20.00	60.00	57.60	Uncoated	Fused Silica	#49-963	₹10,276 Qty 6+ ₹8,252	10 to 12 days
20.00	80.00	77.95	Uncoated	Fused Silica	#49-964	₹10,276 Qty 6+ ₹8,252	10 to 12 days

25.00	35.00	29.17	Uncoated	Fused Silica	#36-689	₹10,899 Qty 6+ ₹8,719	10 to 12 days
25.00	38.00	33.03	Uncoated	Fused Silica	#48-273	₹10,899 Qty 6+ ₹8,719	7 days
25.00	40.00	34.86	Uncoated	Fused Silica	#36-690	₹10,899 Qty 6+ ₹8,719	10 to 12 days
25.00	50.00	46.00	Uncoated	Fused Silica	#48-274	₹10,899 Qty 6+ ₹8,719	10 to 12 days
25.00	60.00	56.92	Uncoated	Fused Silica	#48-670	₹10,510 Qty 6+ ₹8,408	10 to 12 days
25.00	75.00	71.96	Uncoated	Fused Silica	#48-275	₹10,510 Qty 6+ ₹8,408	10 to 12 days
25.00	100.00	97.40	Uncoated	Fused Silica	#48-276	₹10,510 Qty 6+ ₹8,408	10 to 12 days
25.00	125.00	122.65	Uncoated	Fused Silica	#48-277	₹9,887 Qty 6+ ₹7,941	10 to 12 days
25.00	150.00	147.82	Uncoated	Fused Silica	#48-278	₹9,887 Qty 6+ ₹7,941	10 to 12 days
25.00	175.00	172.94	Uncoated	Fused Silica	#48-279	₹9,887 Qty 6+ ₹7,941	10 to 12 days
25.00	200.00	198.02	Uncoated	Fused Silica	#48-280	₹9,887 Qty 6+ ₹7,941	10 to 12 days
25.00	250.00	248.14	Uncoated	Fused Silica	#48-281	₹9,887 Qty 6+ ₹7,941	10 to 12 days
25.00	400.00	398.33	Uncoated	Fused Silica	#48-282	₹9,887 Qty 6+ ₹7,941	10 to 12 days
30.00	50.00	45.2	Uncoated	Fused Silica	#84-282	₹13,312 Qty 6+ ₹10,665	10 to 12 days
30.00	60.00	55.89	Uncoated	Fused Silica	#84-283	₹13,312 Qty 6+ ₹10,665	10 to 12 days
30.00	90.00	86.57	Uncoated	Fused Silica	#84-284	₹12,923 Qty 6+ ₹10,354	10 to 12 days
30.00	120.00	116.57	Uncoated	Fused Silica	#84-285	₹12,923 Qty 6+ ₹10,354	10 to 12 days
30.00	150.00	146.57	Uncoated	Fused Silica	#84-286	₹12,534 Qty 6+ ₹10,043	10 to 12 days
50.00	75.00	66.43	Uncoated	Fused Silica	#67-223	₹21,642 Qty 6+ ₹17,283	Contact Us

50.00	100.00	93.84	Uncoated	Fused Silica	#67-224	₹21,642 Qty 6+ ₹17,283	10 to 12 days
50.00	150.00	145.20	Uncoated	Fused Silica	#67-225	₹21,253 Qty 6+ ₹16,971	Contact Us
50.00	200.00	195.19	Uncoated	Fused Silica	#67-226	₹21,253 Qty 6+ ₹16,971	10 to 12 days
50.00	250.00	245.21	Uncoated	Fused Silica	#67-227	₹21,253 Qty 6+ ₹16,971	10 to 12 days

[#70-889 New](#)



New

Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!

75.00 100.00 85.61 Uncoated

[Fused Silica](#)

₹47,099
Qty 6+ ₹37,679

10 to 12 days

[#70-890 New](#)



New

Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!

75.00 125.00 112.66 Uncoated

[Fused Silica](#)

₹45,542
Qty 6+ ₹36,434

10 to 12 days

[#70-891 New](#)



New

Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!

75.00 150.00 136.31 Uncoated

[Fused Silica](#)

₹43,985
Qty 6+ ₹35,188

10 to 12 days

[#70-892 New](#)



New

Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!

75.00 200.00 187.18 Uncoated

[Fused Silica](#)

₹42,428
Qty 6+ ₹33,943

10 to 12 days



Copyright 2023, Edmund Optics India Private Limited, #267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038

Phone: 1-800-363-1992 :

www.edmundoptics.com