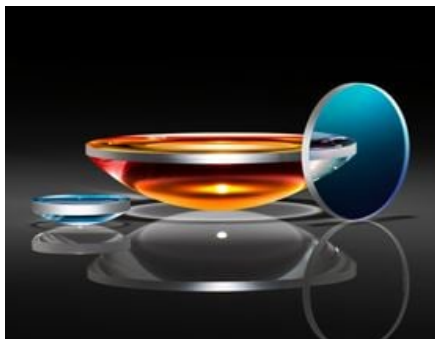


[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Plano-Convex \(PCX\) Lenses](#) / [Fused Silica Plano-Convex \(PCX\) Lenses](#)
**TECHSPEC®**

## UV Fused Silica Plano-Convex (PCX) Lenses - MgF<sub>2</sub> Coated



- AR Coated to Provide <1.75% Reflection per Surface for 400 - 700nm
- Precision Fused Silica Substrate
- Various Coating Options: [Uncoated](#), [UV-AR](#), [UV-VIS](#), [VIS-EXT](#), [VIS-NIR](#), [VIS 0°](#), [YAG-BBAR](#), [NIR I](#), and [NIR II](#)

### Common Specifications

#### Physical & Mechanical Properties

<b>Bevel:</b>	Protective as needed
---------------	----------------------

#### Optical Properties

<b>Coating:</b>	MgF <sub>2</sub> (400-700nm)
-----------------	------------------------------

<b>Substrate:</b>	<a href="#">Fused Silica</a> (Corning 7980)
-------------------	---

<b>Surface Quality:</b>	40-20
-------------------------	-------

<b>Power (P-V) @ 632.8nm:</b>	3 Rings
-------------------------------	---------



<b>Irregularity (P-V) @ 632.8nm:</b>	0.5 Rings
--------------------------------------	-----------

<b>Focal Length Tolerance (%):</b>	±1
------------------------------------	----

<b>Wavelength Range (nm):</b>	400 - 700
-------------------------------	-----------

## Technical Information

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
<a href="#">#18-259 Clearance</a>							
							
Clearance							
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.							
5.00	15.00	13.83	MgF <sub>2</sub> (400-700nm)	<a href="#">Fused Silica</a>		£71.75	3 In Stock
<a href="#">#18-009 Clearance</a>							
							
Clearance							
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.							
6.00	9.00	7.29	MgF <sub>2</sub> (400-700nm)	<a href="#">Fused Silica</a>		£77.88	2 In Stock

[#18-014 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

6.00 12.00 10.63  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£77.88

8 In Stock

---

[#18-019 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

6.00 18.00 16.62  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£74.38

3 In Stock

---

[#18-114 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

6.00 15.00 13.63  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£74.38

1 In Stock

---

[#17-959 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

9.00 22.00 19.94  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£76.13

4 In Stock

---

[#18-029 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

9.00 18.00 15.94  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£79.63

3 In Stock

---

[#18-034 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

9.00 27.00 25.63  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£76.13

3 In Stock

---

[#18-124 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

9.00 12.00 9.26  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£79.63

1 In Stock

---

[#17-964 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

10.00 20.00 17.94  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£80.50

3 In Stock

---

[#18-039 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

12.00 25.00 22.31

MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£82.26

5 In Stock

---

[#18-044 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

12.00 30.00 27.56

MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£79.63

Contact Us

---



[#18-049 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

12.00	40.00	37.85	MgF <sub>2</sub> (400-700nm)	<a href="#">Fused Silica</a>	£79.63	1 In Stock
-------	-------	-------	---------------------------------	------------------------------	--------	------------

---

[#18-134 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

12.00	18.00	15.26	MgF <sub>2</sub> (400-700nm)	<a href="#">Fused Silica</a>	£82.26	4 In Stock
-------	-------	-------	---------------------------------	------------------------------	--------	------------

---

[#18-139 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

12.00 36.00 34.29  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£79.63

2 In Stock

---

[#18-214 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

15.00 45.00 42.94  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£84.01

2 In Stock

---

[#17-984 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

18.00 27.00 23.23

MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£86.63

3 In Stock

---

[#18-149 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

20.00 30.00 25.88

MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£90.14

2 In Stock

---

#### [#18-159 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

20.00 40.00 36.92  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£90.14

3 In Stock

---

#### [#18-169 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

20.00 60.00 57.60  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£86.63

3 In Stock

---

#### [#18-174 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

20.00 80.00 77.95  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£125.20  
[Volume Pricing](#)

Contact Us

---

#### [#18-079 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

25.00 100.00 97.40  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£88.38

1 In Stock

---

[#18-084 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

25.00 125.00 122.65  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£85.76

5 In Stock

---

[#18-089 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

25.00 150.00 147.82  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£84.01

5 In Stock

---

[#18-099 Clearance](#)



Clearance

Availability  
is limited,  
so buy  
before  
these  
products  
disappear.  
Sorry, we  
cannot  
accept  
returns.  
Receive  
up to 80%  
off select  
products.

25.00 200.00 198.02  
MgF<sub>2</sub>  
(400-  
700nm)

[Fused  
Silica](#)

£84.01

3 In Stock

---

[#18-104 Clearance](#)



Clearance

Availability  
is limited,  
so buy  
before  
these  
products  
disappear.  
Sorry, we  
cannot  
accept  
returns.  
Receive  
up to 80%  
off select  
products.

25.00 250.00 248.14  
MgF<sub>2</sub>  
(400-  
700nm)

[Fused  
Silica](#)

£84.01

2 In Stock

---

[#18-144 Clearance](#)



Clearance

Availability  
is limited,  
so buy  
before  
these  
products  
disappear.  
Sorry, we  
cannot  
accept  
returns.  
Receive  
up to 80%  
off select  
products.

25.00 60.00 56.92

MgF<sub>2</sub>  
(400-  
700nm)

[Fused  
Silica](#)

£88.38

3 In Stock

---

[#18-229 Clearance](#)



Clearance

Availability  
is limited,  
so buy  
before  
these  
products  
disappear.  
Sorry, we  
cannot  
accept  
returns.  
Receive  
up to 80%  
off select  
products.

30.00 50.00 45.2

MgF<sub>2</sub>  
(400-  
700nm)

[Fused  
Silica](#)

£110.27

5 In Stock

---



[#18-244 Clearance](#)



Clearance

Availability  
is limited,  
so buy  
before  
these  
products  
disappear.  
Sorry, we  
cannot  
accept  
returns.  
Receive  
up to 80%  
off select  
products.

30.00 120.00 116.57  
MgF<sub>2</sub>  
(400-  
700nm)

[Fused  
Silica](#)

£106.77

1 In Stock

---

[#18-249 Clearance](#)



Clearance

Availability  
is limited,  
so buy  
before  
these  
products  
disappear.  
Sorry, we  
cannot  
accept  
returns.  
Receive  
up to 80%  
off select  
products.

30.00 150.00 146.57  
MgF<sub>2</sub>  
(400-  
700nm)

[Fused  
Silica](#)

£104.14

3 In Stock

---

[#18-179 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

50.00 75.00 66.43  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£177.69

1 In Stock

---

[#18-194 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

50.00 200.00 195.19  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

£174.18

1 In Stock



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK  
Phone: 1-800-363-1992 :  
[www.edmundoptics.com](http://www.edmundoptics.com)

50.00 250.00 245.21  
MgF<sub>2</sub>  
(400-700nm)

[Fused Silica](#)

[#18-199](#)

£251.27  
[Volume Pricing](#)

3 In Stock