

[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Cylinder Lenses](#) / [Illumination Grade Cylinder Lenses](#)

TECHSPEC® Illumination Grade PCV Cylinder Lenses



- Cylinder Lenses Ideal for 1 Dimensional Laser Beam Convergence
- Circular and Rectangular Form Factors
- Multiple Coating Options Available

Common Specifications

Physical & Mechanical Properties

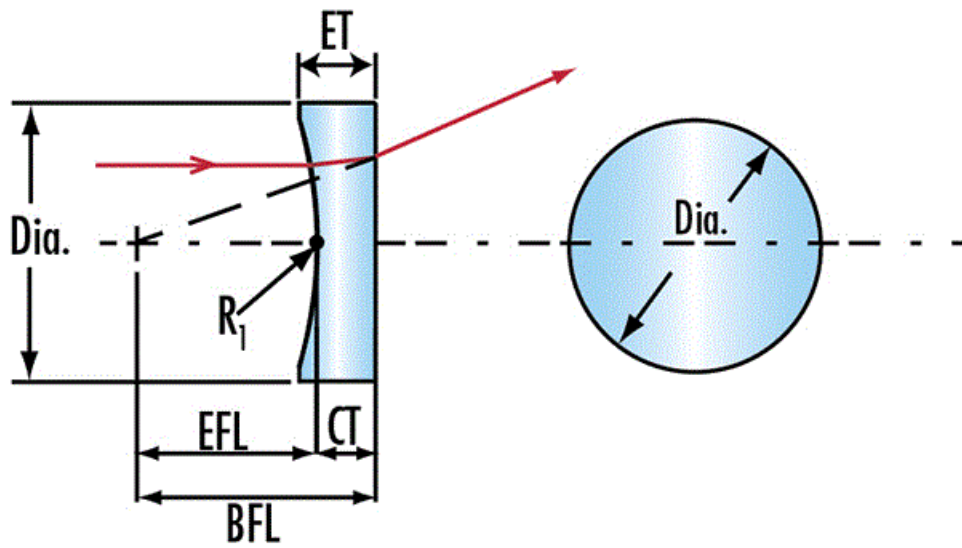
Center Thickness Tolerance (mm):	± 0.1
----------------------------------	-----------

Optical Properties

Focal Length Tolerance (%):	± 3
-----------------------------	---------

Surface Quality:	60-40
------------------	-------

Technical Information



Products

Dia. (mm)	Dimensions (mm)	EFL (mm)	Substrate	Coating	Stock Number	Price	Buy
6.25	-	-6.25	N-BK7	MgF ₂ (400-700nm)	#48-371	€72,50 Qty 6+ €65,50	In Stock
6.25	-	-6.25	N-BK7	Uncoated	#46-191	€61,50 Qty 6+ €55,00	3-4 days
6.25	-	-12.50	N-BK7	MgF ₂ (400-700nm)	#48-372	€72,50 Qty 6+ €65,50	3-4 days
6.25	-	-12.50	N-BK7	Uncoated	#46-192	€61,50 Qty 6+ €55,00	3-4 days
6.25	-	-12.50	N-BK7	VIS 0° (425-675nm)	#69-791	€82,00 Qty 6+ €73,50	3-4 days
6.25	-	-12.50	N-BK7	NIR I (600-1050nm)	#69-811	€82,00 Qty 6+ €73,50	3-4 days
6.25	-	-12.50	N-BK7	VIS-NIR (400-1000nm)	#69-831	€82,00 Qty 6+ €73,50	In Stock
6.25	-	-25.00	N-BK7	MgF ₂ (400-700nm)	#48-373	€72,50 Qty 6+ €65,50	In Stock
6.25	-	-25.00	N-BK7	Uncoated	#47-745	€61,50 Qty 6+ €55,00	3-4 days
6.25	-	-50.00	N-BK7	MgF ₂ (400-700nm)	#48-374	€72,50 Qty 6+ €65,50	3-4 days
6.25	-	-50.00	N-BK7	Uncoated	#47-746	€61,50 Qty 6+ €55,00	3-4 days
6.25	-	-50.00	N-BK7	VIS 0° (425-675nm)	#69-793	€82,00 Qty 6+ €73,50	In Stock
6.25	-	-50.00	N-BK7	NIR I (600-1050nm)	#69-813	€82,00 Qty 6+ €73,50	3-4 days

6.25	-	-50.00	N-BK7	VIS-NIR (400-1000nm)	#69-833	€82,00 Qty 6+ €73,50	3-4 days
12.50	-	-12.50	N-BK7	MgF ₂ (400-700nm)	#48-375	€73,50 Qty 6+ €66,50	3-4 days
12.50	-	-12.50	N-BK7	Uncoated	#47-748	€64,00 Qty 6+ €57,50	3-4 days
12.50	-	-25.00	N-BK7	MgF ₂ (400-700nm)	#48-376	€73,50 Qty 6+ €66,50	3-4 days
12.50	-	-25.00	N-BK7	Uncoated	#47-749	€64,00 Qty 6+ €57,50	3-4 days
12.50	-	-25.00	N-BK7	VIS 0° (425-675nm)	#69-794	€84,50 Qty 6+ €76,00	Contact Us
12.50	-	-25.00	N-BK7	NIR I (600-1050nm)	#69-814	€84,50 Qty 6+ €76,00	3-4 days
12.50	-	-25.00	N-BK7	VIS-NIR (400-1000nm)	#69-834	€84,50 Qty 6+ €76,00	3-4 days
12.50	-	-50.00	N-BK7	MgF ₂ (400-700nm)	#48-377	€73,50 Qty 6+ €66,50	3-4 days
12.50	-	-50.00	N-BK7	Uncoated	#47-750	€64,00 Qty 6+ €57,50	3-4 days
12.50	-	-50.00	N-BK7	VIS 0° (425-675nm)	#69-795	€84,50 Qty 6+ €76,00	3-4 days
12.50	-	-50.00	N-BK7	NIR I (600-1050nm)	#69-815	€84,50 Qty 6+ €76,00	3-4 days
12.50	-	-50.00	N-BK7	VIS-NIR (400-1000nm)	#69-835	€84,50 Qty 6+ €76,00	3-4 days
12.50	-	-	N-BK7	MgF ₂ (400-700nm)	#48-378	€73,50 Qty 6+ €66,50	3-4 days
12.50	-	-	N-BK7	Uncoated	#47-751	€64,00 Qty 6+ €57,50	3-4 days

12.50	-	- 100.00	N-BK7	VIS 0° (425- 675nm)	#69-796	€84,50 Qty 6+ €76,00	3-4 days
12.50	-	- 100.00	N-BK7	NIR I (600- 1050nm)	#69-816	€84,50 Qty 6+ €76,00	3-4 days
12.50	-	- 100.00	N-BK7	VIS-NIR (400- 1000nm)	#69-836	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-12.50	N-SF11	MgF ₂ (400- 700nm)	#68-069	€73,50 Qty 6+ €66,50	3-4 days
-	12.5 x 25.0	-12.50	N-SF11	Uncoated	#68-052	€64,00 Qty 6+ €57,50	3-4 days
-	12.5 x 25.0	-15.00	N-SF11	MgF ₂ (400- 700nm)	#68-070	€73,50 Qty 6+ €66,50	3-4 days
-	12.5 x 25.0	-15.00	N-SF11	Uncoated	#68-053	€64,00 Qty 6+ €57,50	3-4 days
-	12.5 x 25.0	-20.00	N-SF11	Uncoated	#68-054	€64,00 Qty 6+ €57,50	3-4 days
-	12.5 x 25.0	-20.00	N-SF11	MgF ₂ (400- 700nm)	#68-071	€73,50 Qty 6+ €66,50	Contact Us
-	12.5 x 25.0	-25.00	N-BK7	Uncoated	#68-055	€64,00 Qty 6+ €57,50	3-4 days
-	12.5 x 25.0	-25.00	N-BK7	MgF ₂ (400- 700nm)	#68-072	€73,50 Qty 6+ €66,50	Contact Us
-	12.5 x 25.0	-25.00	N-BK7	VIS 0° (425- 675nm)	#69-798	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-25.00	N-BK7	NIR I (600- 1050nm)	#69-818	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-25.00	N-BK7	VIS-NIR (400- 1000nm)	#69-838	€84,50 Qty 6+ €76,00	Contact Us
-	12.5 x 25.0	-50.00	N-BK7	Uncoated	#68-056	€64,00 Qty 6+ €57,50	3-4 days

-	12.5 x 25.0	-50.00	N-BK7	MgF ₂ (400-700nm)	#68-073	€73,50 Qty 6+ €66,50	3-4 days
-	12.5 x 25.0	-50.00	N-BK7	VIS 0° (425-675nm)	#69-799	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-50.00	N-BK7	NIR I (600-1050nm)	#69-819	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-50.00	N-BK7	VIS-NIR (400-1000nm)	#69-839	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-75.00	N-BK7	Uncoated	#68-057	€64,00 Qty 6+ €57,50	3-4 days
-	12.5 x 25.0	-75.00	N-BK7	MgF ₂ (400-700nm)	#68-074	€73,50 Qty 6+ €66,50	3-4 days
-	12.5 x 25.0	-75.00	N-BK7	VIS 0° (425-675nm)	#69-800	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-75.00	N-BK7	NIR I (600-1050nm)	#69-820	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-75.00	N-BK7	VIS-NIR (400-1000nm)	#69-840	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-100.00	N-BK7	Uncoated	#68-058	€64,00 Qty 6+ €57,50	3-4 days
-	12.5 x 25.0	-100.00	N-BK7	MgF ₂ (400-700nm)	#68-075	€73,50 Qty 6+ €66,50	In Stock
-	12.5 x 25.0	-100.00	N-BK7	VIS 0° (425-675nm)	#69-801	€84,50 Qty 6+ €76,00	Contact Us
-	12.5 x 25.0	-100.00	N-BK7	NIR I (600-1050nm)	#69-821	€84,50 Qty 6+ €76,00	Contact Us
-	12.5 x 25.0	-100.00	N-BK7	VIS-NIR (400-1000nm)	#69-841	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	-150.00	N-BK7	Uncoated	#68-060	€64,00 Qty 6+ €57,50	3-4 days

-	12.5 x 25.0	- 150.00	N-BK7	MgF ₂ (400-700nm)	#68-077	€73,50 Qty 6+ €66,50	3-4 days
-	12.5 x 25.0	- 150.00	N-BK7	VIS 0° (425-675nm)	#69-802	€84,50 Qty 6+ €76,00	Contact Us
-	12.5 x 25.0	- 150.00	N-BK7	NIR I (600-1050nm)	#69-822	€84,50 Qty 6+ €76,00	3-4 days
-	12.5 x 25.0	- 150.00	N-BK7	VIS-NIR (400-1000nm)	#69-842	€84,50 Qty 6+ €76,00	3-4 days
25.00	-	-25.00	N-BK7	MgF ₂ (400-700nm)	#48-379	€81,50 Qty 6+ €73,00	3-4 days
25.00	-	-25.00	N-BK7	Uncoated	#46-196	€72,00 Qty 6+ €65,00	3-4 days
25.00	-	-50.00	N-BK7	MgF ₂ (400-700nm)	#48-380	€81,50 Qty 6+ €73,00	In Stock
25.00	-	-50.00	N-BK7	Uncoated	#46-197	€72,00 Qty 6+ €65,00	3-4 days
25.00	-	-50.00	N-BK7	VIS 0° (425-675nm)	#69-803	€91,00 Qty 6+ €82,00	3-4 days
25.00	-	-50.00	N-BK7	NIR I (600-1050nm)	#69-823	€91,00 Qty 6+ €82,00	3-4 days
25.00	-	-50.00	N-BK7	VIS-NIR (400-1000nm)	#69-843	€91,00 Qty 6+ €82,00	3-4 days
25.00	-	-75.00	N-BK7	MgF ₂ (400-700nm)	#48-381	€81,50 Qty 6+ €73,00	In Stock
25.00	-	-75.00	N-BK7	Uncoated	#47-752	€72,00 Qty 6+ €65,00	3-4 days
25.00	-	-75.00	N-BK7	VIS 0° (425-675nm)	#69-804	€91,00 Qty 6+ €82,00	3-4 days
25.00	-	-75.00	N-BK7	NIR I (600-1050nm)	#69-824	€91,00 Qty 6+ €82,00	3-4 days

25.00	-	-75.00	N-BK7	VIS-NIR (400-1000nm)	#69-844	€91,00 Qty 6+ €82,00	In Stock
25.00	-	-100.00	N-BK7	MgF ₂ (400-700nm)	#48-382	€81,50 Qty 6+ €73,00	3-4 days
25.00	-	-100.00	N-BK7	Uncoated	#47-753	€72,00 Qty 6+ €65,00	3-4 days
25.00	-	-100.00	N-BK7	VIS 0° (425-675nm)	#69-805	€91,00 Qty 6+ €82,00	3-4 days
25.00	-	-100.00	N-BK7	NIR I (600-1050nm)	#69-825	€91,00 Qty 6+ €82,00	3-4 days
25.00	-	-100.00	N-BK7	VIS-NIR (400-1000nm)	#69-845	€91,00 Qty 6+ €82,00	Contact Us
-	25.0 x 50.0	-25.00	N-SF11	MgF ₂ (400-700nm)	#68-078	€121,00 Qty 6+ €108,00	3-4 days
-	25.0 x 50.0	-25.00	N-SF11	Uncoated	#68-061	€111,00 Qty 6+ €100,00	3-4 days
-	25.0 x 50.0	-30.00	N-SF11	MgF ₂ (400-700nm)	#68-079	€121,00 Qty 6+ €108,00	3-4 days
-	25.0 x 50.0	-30.00	N-SF11	Uncoated	#68-062	€111,00 Qty 6+ €100,00	3-4 days
-	25.0 x 50.0	-40.00	N-SF11	MgF ₂ (400-700nm)	#68-080	€121,00 Qty 6+ €108,00	3-4 days
-	25.0 x 50.0	-40.00	N-SF11	Uncoated	#68-063	€111,00 Qty 6+ €100,00	3-4 days
-	25.0 x 50.0	-50.00	N-BK7	MgF ₂ (400-700nm)	#68-081	€121,00 Qty 6+ €108,00	3-4 days
-	25.0 x 50.0	-50.00	N-BK7	Uncoated	#68-064	€111,00 Qty 6+ €100,00	3-4 days
-	25.0 x 50.0	-50.00	N-BK7	VIS 0° (425-675nm)	#69-807	€131,00 Qty 6+ €118,00	3-4 days

-	25.0 x 50.0	-50.00	N-BK7	NIR I (600-1050nm)	#69-827	€131,00 Qty 6+ €118,00	Contact Us
-	25.0 x 50.0	-50.00	N-BK7	VIS-NIR (400-1000nm)	#69-847	€131,00 Qty 6+ €118,00	3-4 days
-	25.0 x 50.0	-75.00	N-BK7	MgF ₂ (400-700nm)	#68-082	€121,00 Qty 6+ €108,00	3-4 days
-	25.0 x 50.0	-75.00	N-BK7	Uncoated	#68-065	€111,00 Qty 6+ €100,00	3-4 days
-	25.0 x 50.0	-75.00	N-BK7	VIS 0° (425-675nm)	#69-808	€131,00 Qty 6+ €118,00	3-4 days
-	25.0 x 50.0	-75.00	N-BK7	NIR I (600-1050nm)	#69-828	€131,00 Qty 6+ €118,00	3-4 days
-	25.0 x 50.0	-75.00	N-BK7	VIS-NIR (400-1000nm)	#69-848	€131,00 Qty 6+ €118,00	3-4 days
-	25.0 x 50.0	-100.00	N-BK7	MgF ₂ (400-700nm)	#68-083	€121,00 Qty 6+ €108,00	3-4 days
-	25.0 x 50.0	-100.00	N-BK7	Uncoated	#68-066	€111,00 Qty 6+ €100,00	3-4 days
-	25.0 x 50.0	-100.00	N-BK7	VIS 0° (425-675nm)	#69-809	€131,00 Qty 6+ €118,00	Contact Us
-	25.0 x 50.0	-100.00	N-BK7	NIR I (600-1050nm)	#69-829	€131,00 Qty 6+ €118,00	3-4 days
-	25.0 x 50.0	-100.00	N-BK7	VIS-NIR (400-1000nm)	#69-849	€131,00 Qty 6+ €118,00	3-4 days
-	25.0 x 50.0	-150.00	N-BK7	MgF ₂ (400-700nm)	#68-085	€121,00 Qty 6+ €108,00	3-4 days
-	25.0 x 50.0	-150.00	N-BK7	Uncoated	#68-068	€111,00 Qty 6+ €100,00	3-4 days
-	25.0 x 50.0	-150.00	N-BK7	VIS 0° (425-675nm)	#69-810	€131,00 Qty 6+ €118,00	Contact Us

-	25.0 x 50.0	- 150.00	N-BK7	NIR I (600- 1050nm)	#69-830	€131,00 Qty 6+ €118,00	3-4 days
-	25.0 x 50.0	- 150.00	N-BK7	VIS-NIR (400- 1000nm)	#69-850	€131,00 Qty 6+ €118,00	3-4 days



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