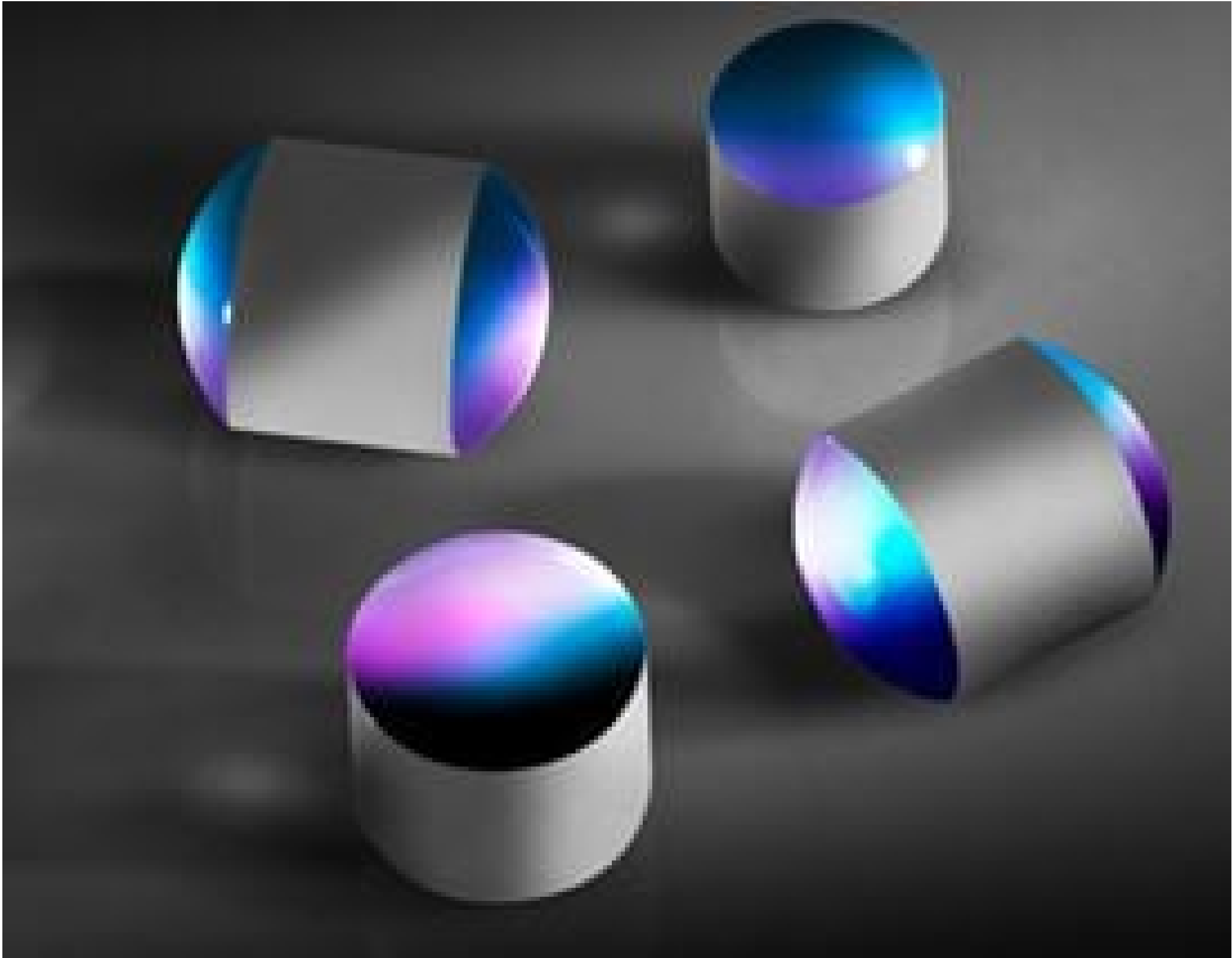


TECHSPEC[®] 2.4mm Diameter x 3.0mm Length NIR I Coated, N-BK7 Drum Lens



Stock **#45-837** [CONTACT US](#)

-

1

+

A\$126^{.40}

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Volume Pricing	
Qty 1+	A\$126.40 each
Need More?	Request Quote

Product Downloads

General	
Drum Lens	Type:
Physical & Mechanical Properties	
2.40	Diameter (mm):
3.00	Length (mm):
±3	Length Tolerance (µm):
	Radius R (mm):

1.50	
+0/-1.5	Radius Tolerance (µm):
+0/-50	Diameter Tolerance (µm):
Optical Properties	
N-BK7	Substrate: □
NIR I (600-1050nm)	Coating:
600 - 1050	Wavelength Range (nm):
R _{avg} ≤0.5% @ 600 - 1050nm	Coating Specification:
1.517	Index of Refraction (n _d):
40-20	Surface Quality:

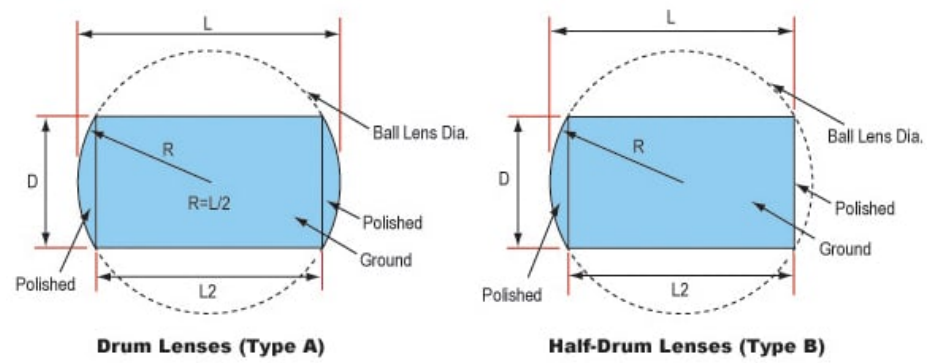
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

Product Details

- Easier to Mount and Handle Than Standard Ball Lenses
- Drum lenses are glass spheres, ground down axially to provide a mounting surface. The ground circumference D simplifies handling issues typically associated with ball lenses. Ideal for optical transmission in fiber communications. Type B Drum lenses have a polished plano-surface for direct fiber contact and perform as elongated PCX lenses.

Technical Information

D	Radius R	Length	Length L2	Stock No.
Type A Drum Lenses				
2mm	1.25mm	2.5mm	1.5mm	#45-548
				#45-739
				#45-836
				#45-663
				#45-743
2.4mm	1.5mm	3mm	1.8mm	#45-549
				#45-837
				#45-664
				#45-744
3.2mm	2mm	4mm	2.4mm	#45-550
				#45-741
				#45-838
				#45-665
				#45-745
4mm	2.5mm	5mm	3mm	#45-551
				#45-839
				#45-742
				#45-666
Type B Half-Drum Lenses				
2mm	1.25mm	2mm	1.5mm	#46-524
				#46-528
2.4mm	1.5mm	2.4mm	1.8mm	#46-525
				#46-529
3.2mm	2mm	3.2mm	2.4mm	#46-526
				#46-530
4mm	2.5mm	4mm	3mm	#46-527



Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).