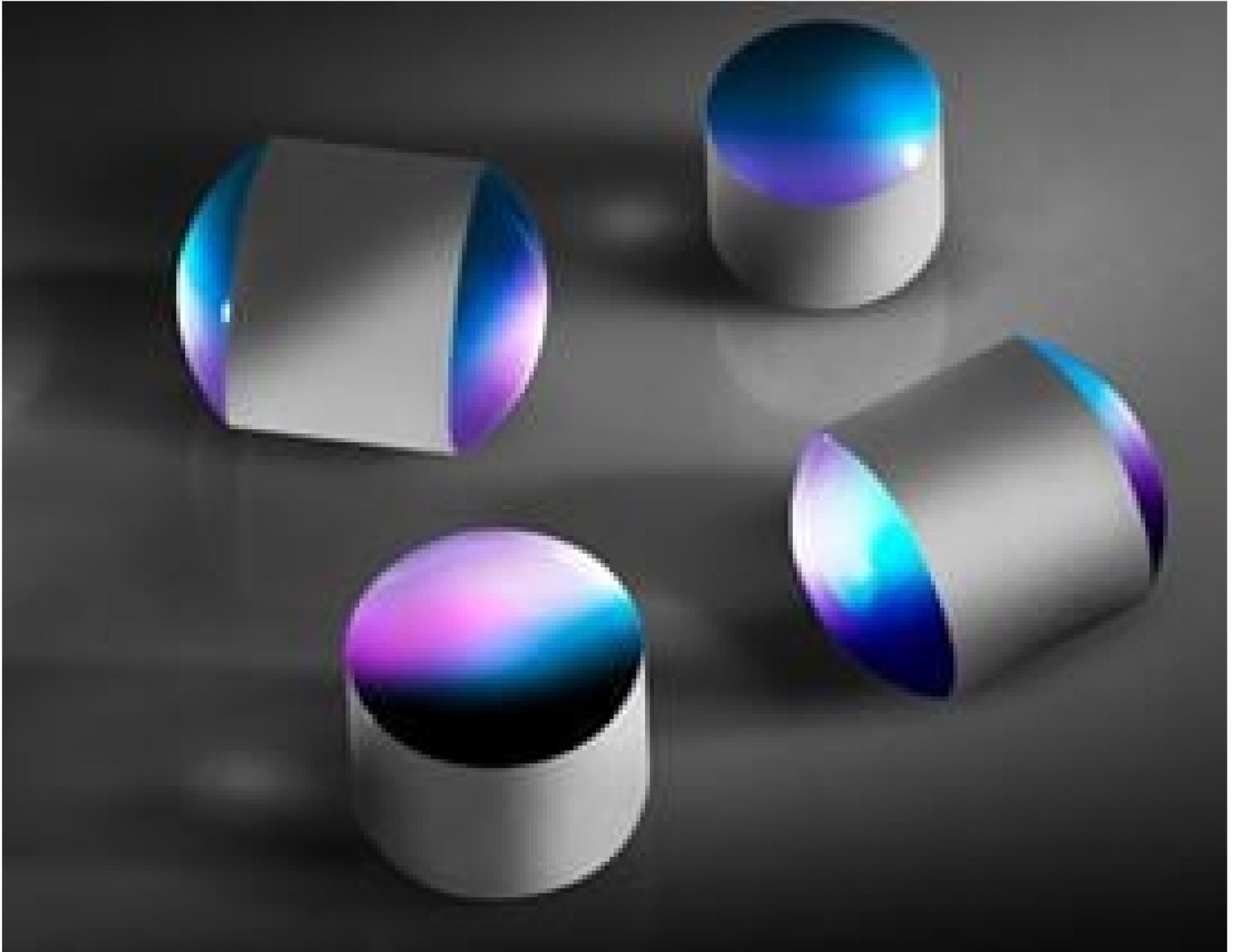


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TECHSPEC® 2.4mm Diameter x 3.0mm Length, N-BK7 Drum Lens



Stock #45-549 **20+ In Stock**

⊖ 1 ⊕ €65⁵⁰

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Volume Pricing	
Qty 1+	€65,50 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Drum Lens **Type:**

Physical & Mechanical Properties

2.40 **Diameter (mm):**

3.00 **Length (mm):**

±3 **Length Tolerance (µm):**

1.50	Radius R (mm):
+0/-1.5	Radius Tolerance (µm):
+0/-50	Diameter Tolerance (µm):

Optical Properties

N-BK7	Substrate: <input type="checkbox"/>
Uncoated	Coating:
350 - 2200	Wavelength Range (nm):
1.517	Index of Refraction (n _d):
40-20	Surface Quality:

Regulatory Compliance

Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:

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](#).

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
4mm	2.5mm	5mm	3mm	#45-745
				#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 #46-531

