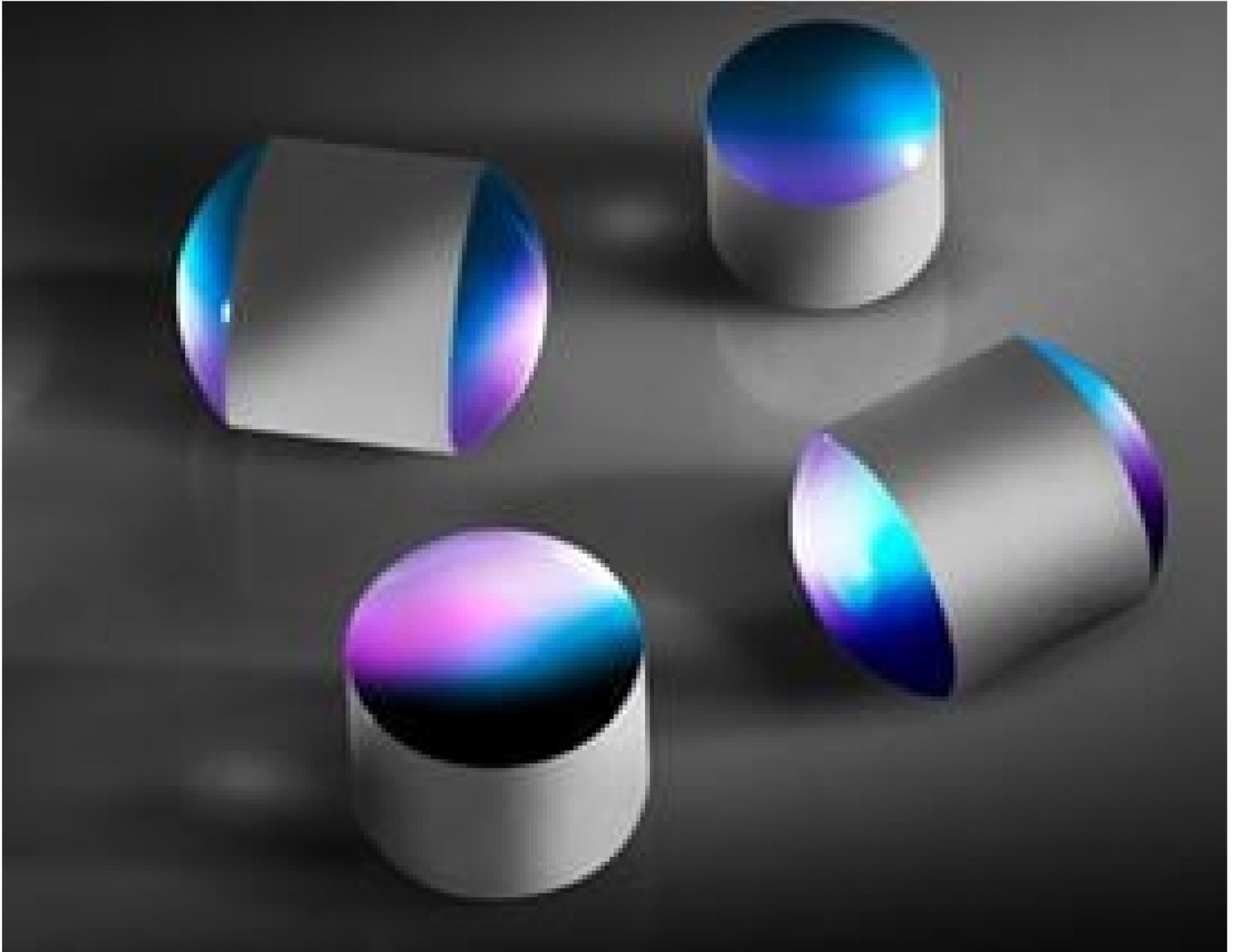


**TECHSPEC® 2.4mm Diameter x 3.0mm Length, N-BK7 Drum Lens**



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

⊖ 1 ⊕ €65<sup>50</sup>

**ADD TO CART**

Volume Pricing	
Qty 1+	€65,50 each
Need More?	<a href="#">Request Quote</a>

ⓘ 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 <sub>d</sub> ):
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.
<b>Type A Drum Lenses</b>				
2mm	1.25mm	2.5mm	1.5mm	<a href="#">#45-548</a>
				<a href="#">#45-739</a>
				<a href="#">#45-836</a>
				<a href="#">#45-663</a>
				<a href="#">#45-743</a>
2.4mm	1.5mm	3mm	1.8mm	<a href="#">#45-549</a>
				<a href="#">#45-837</a>
				<a href="#">#45-664</a>
				<a href="#">#45-744</a>
3.2mm	2mm	4mm	2.4mm	<a href="#">#45-550</a>
				<a href="#">#45-741</a>
				<a href="#">#45-838</a>
				<a href="#">#45-665</a>
4mm	2.5mm	5mm	3mm	<a href="#">#45-745</a>
				<a href="#">#45-551</a>
				<a href="#">#45-839</a>
				<a href="#">#45-742</a>
				<a href="#">#45-666</a>

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

