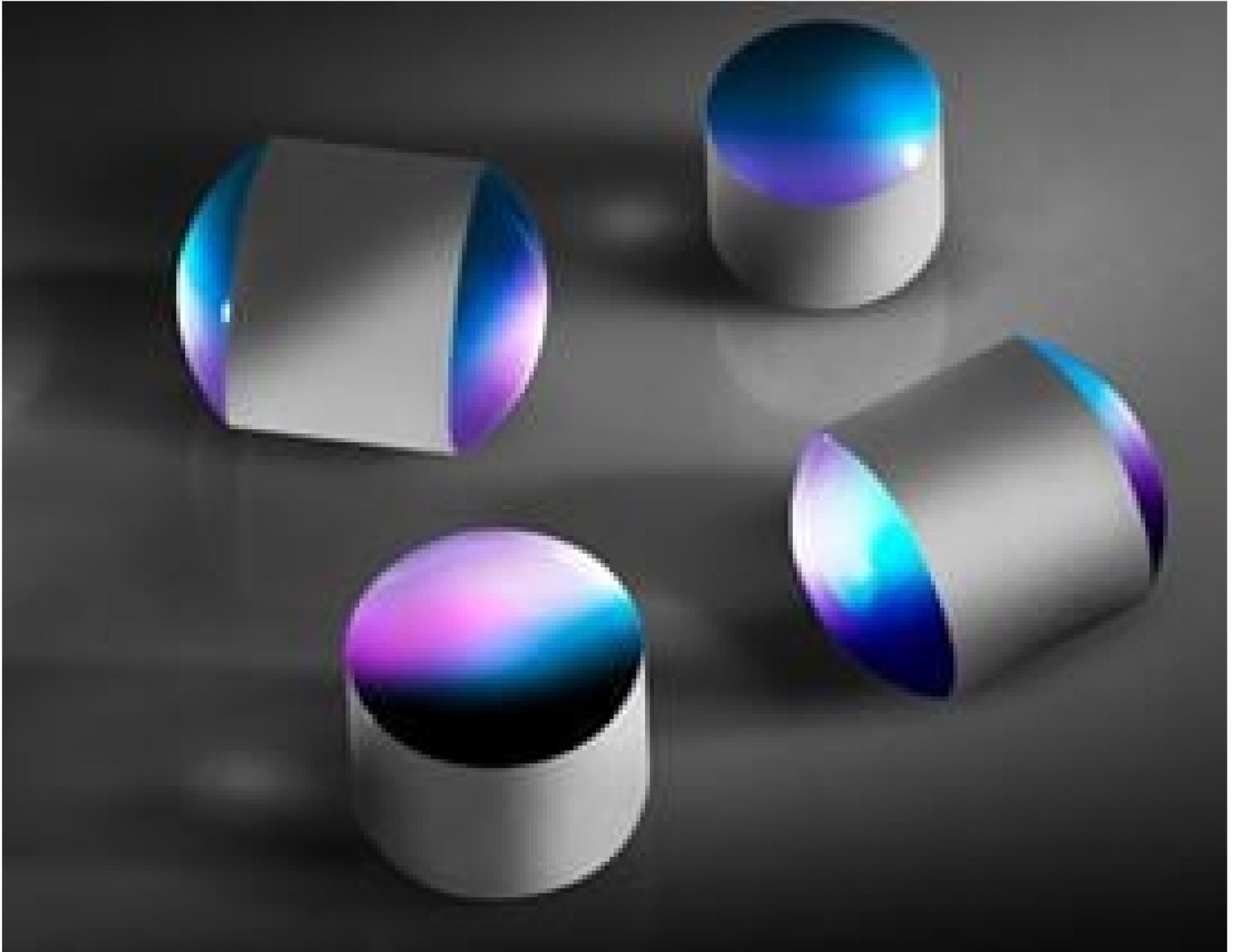


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TECHSPEC® 3.2mm Dia. x 4.0mm Length Telecom-NIR Coated, N-LASFN9 Drum Lens



Stock #45-745 CLEARANCE 20+ In Stock

- 1 + C\$33⁹⁵

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Volume Pricing	
Qty 1+	C\$33.95 each
Need More?	Request Quote

Product Downloads

General

Drum Lens **Type:**

Physical & Mechanical Properties

3.20 **Diameter (mm):**

4.00 **Length (mm):**

±3 **Length Tolerance (µm):**

Radius R (mm):

2.00

+0/-1.5 Radius Tolerance (µm):

+0/-50 Diameter Tolerance (µm):

Optical Properties

N-LASF9 Substrate: □

Telecom-NIR Coating:

1295 - 1565 Wavelength Range (nm):

Coating Specification:
R_{abs} ≤0.25% @ 1295 - 1325nm
R_{abs} ≤0.25% @ 1535 - 1565nm

1.850 Index of Refraction (n_d):

40-20 Surface Quality:

Regulatory Compliance

[View](#) Certificate of Conformance:

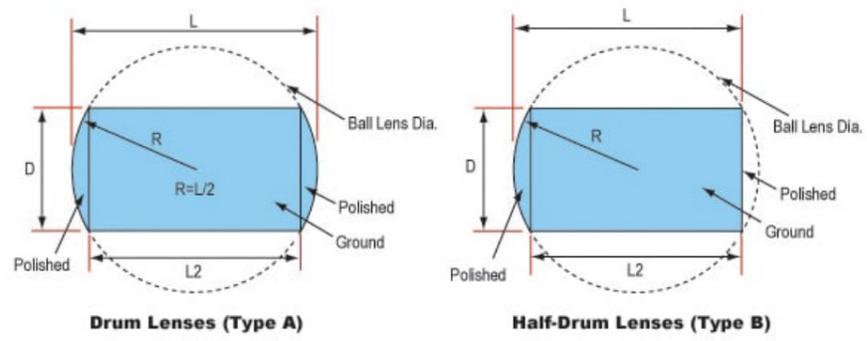
Product Details

- 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
				#46-531



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](#).