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TECHSPEC 40mm Dia. x 40mm FL, YAG-BBAR Coated, Double-Convex Lens

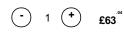


YAG-BBAR Coated Double-Convex (DCX) Lenses



Stock **#89-282** 6 In Stock

□ Other Coating Options





ADD TO CART

Volume Pricing	
Qty 1-9	£63.04 each
Qty 10-24	£56.91 each
Qty 25-99	£50.35 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

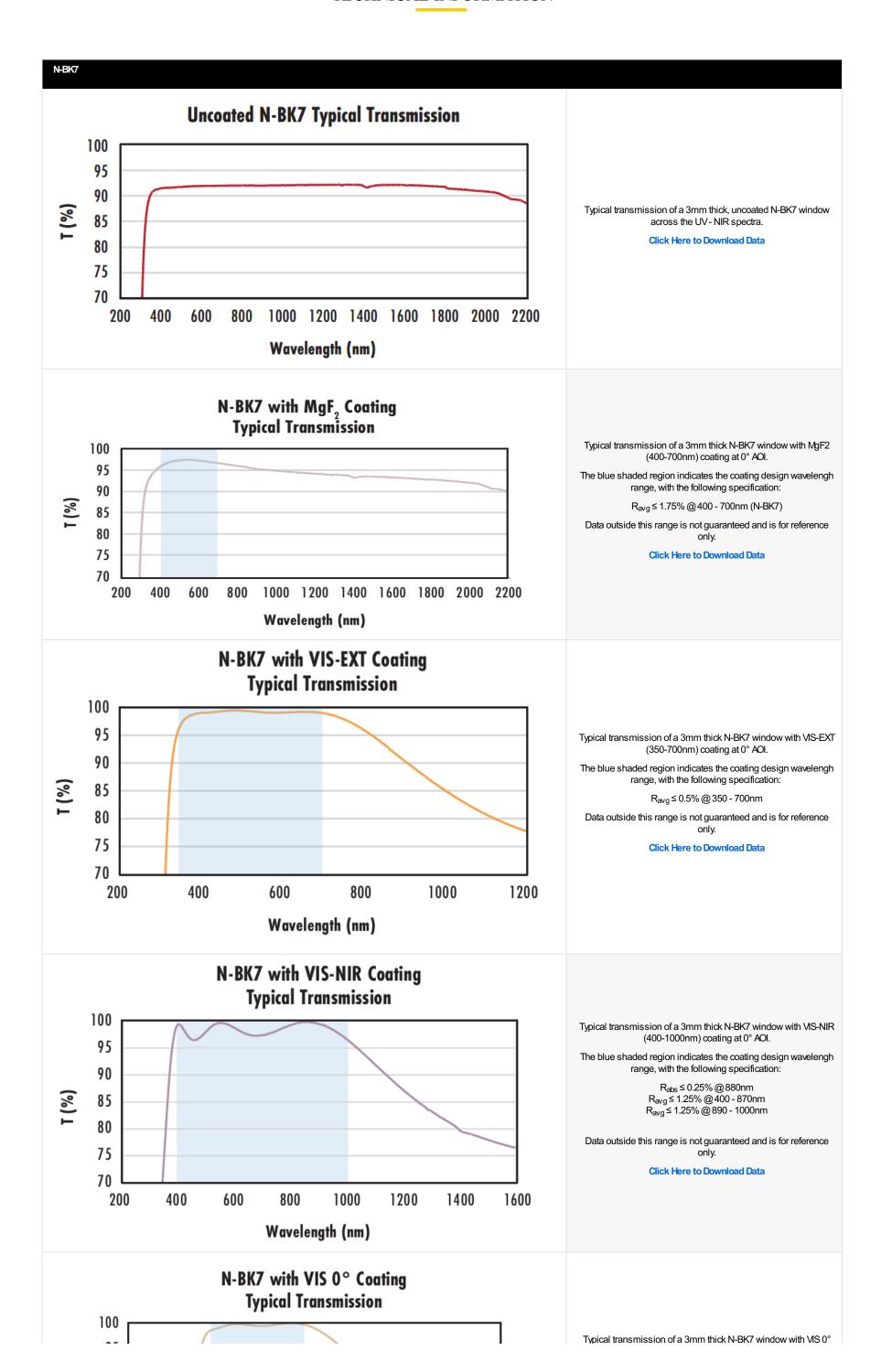
Product Downloads

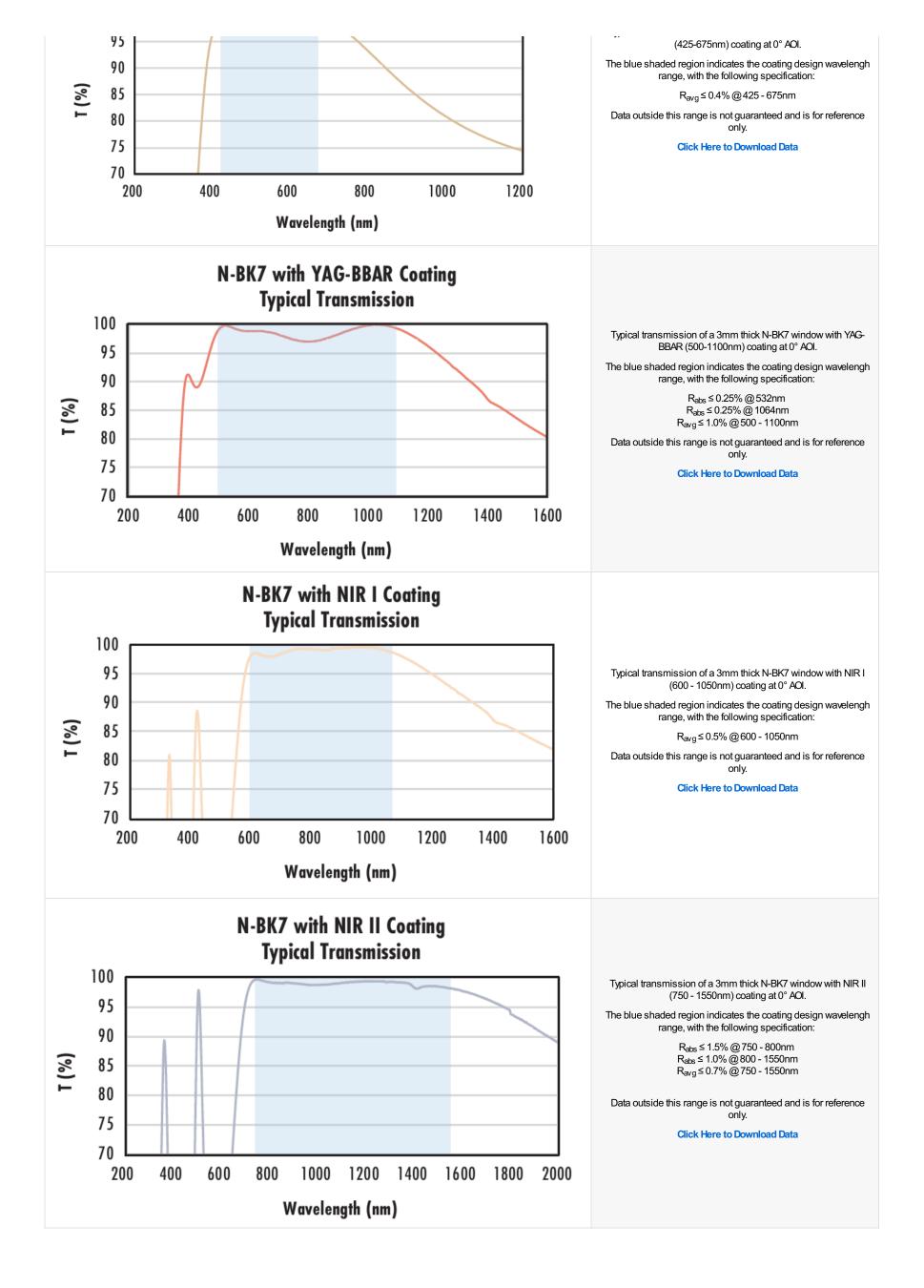
General		
Double-Convex Lens	Туре:	
Physical & Mechanical	Properties	
40.00 +0.0/-0.025	Diameter (mm):	
Cer <1	ntering (arcmin):	
Protective as needed	Bevel:	
Center Thic 8.50	ckness CT (mm):	
Center Thickness ±0.10	Tolerance (mm):	
Edge Thio	ckness ET (mm):	
Clear Ap 39.00	perture CA (mm):	
Optical Properties		
Back Focal L 37.54	ength BFL (mm):	
Effective Focal L 40.00	Length EFL (mm):	
YAG-BBAR (500-1100nm)	Coating:	
Coatii R _{abs} <0.25% @ 532nm R _{abs} <0.25% @ 1064nm R _{avg} <1.0% @ 500 - 1100nm	ng Specification:	
N-SF11	Substrate:	
40-20	Surface Quality:	
Power (I 1.5λ	P-V) @ 632.8nm:	
Irregularity (I <i>N</i> 4	P-V) @ 632.8nm:	
Rad 60.85	lius R ₁ =-R ₂ (mm):	
1.00	f#:	
Focal Length Specification V 587.6	Vavelength (nm):	
Focal Lengt ±1	th Tolerance (%):	
0.50	ical Aperture NA:	
Waveler 400 - 2500	ngth Range (nm):	
Damage Thresh 5 J/cm ² @ 532nm, 10ns	old, By Design: □	
Regulatory Compliance		
Compliant	RoHS 2015:	
Certificate View	e of Conformance:	
	Reach 235:	

PRODUCT DETAILS

- Optimized for R<0.25% @ 532nm and 1064nm
- Minimize Aberrations Including Spherical and Coma
- UV Fused Silica DCX Lenses Available

Compliant





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.

COMPATIBLE MOUNTS