

[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Double-Convex \(DCX\) Lenses](#)

## TECHSPEC® VIS-EXT Coated Double-Convex (DCX) Lenses



- AR Coated to Provide <0.5% Reflectance per Surface for 350 - 700nm
- Minimize Aberrations Including Spherical and Coma
- [UV Fused Silica DCX Lenses](#) Available
- Other Coating Options Available: [Uncoated](#), [MgF<sub>2</sub>](#), [VIS 0°](#), [NIR I](#), [NIR II](#), [VIS-NIR](#), and [YAG-BBAR](#)

### Common Specifications

#### Physical & Mechanical Properties

Bevel: Protective as needed

#### Optical Properties

Coating: VIS-EXT (350-700nm)

Power (P-V) @ 632.8nm:	1.5λ	Irregularity (P-V) @ 632.8nm:	λ/4
Focal Length Specification Wavelength (nm):	587.6	Focal Length Tolerance (%):	±1
Wavelength Range (nm):	350 - 700		

## Technical Information

## Products

Dia. (mm)	BFL (mm)	EFL (mm)	Coating	Substrate	Stock Number	Price	Buy
3.00	2.21	3.00	VIS-EXT (350- 700nm)	<a href="#">N-SF5</a>	<a href="#">#89-118</a>	C\$103.60 <a href="#">Volume Pricing</a>	5 In Stock
3.00	3.78	4.50	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-119</a>	C\$103.60 <a href="#">Volume Pricing</a>	Contact Us
3.00	5.37	6.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-120</a>	C\$103.60 <a href="#">Volume Pricing</a>	20+ In Stock
3.00	8.46	9.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-121</a>	C\$103.60 <a href="#">Volume Pricing</a>	16 In Stock
4.50	3.7	4.50	VIS-EXT (350- 700nm)	<a href="#">N-LASF44</a>	<a href="#">#89-122</a>	C\$103.60 <a href="#">Volume Pricing</a>	16 In Stock
4.50	8.16	9.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-123</a>	C\$103.60 <a href="#">Volume Pricing</a>	5 In Stock
5.00	4.19	5.00	VIS-EXT (350- 700nm)	<a href="#">N-SF5</a>	<a href="#">#89-124</a>	C\$83.30 <a href="#">Volume Pricing</a>	Contact Us
5.00	9.31	10.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-125</a>	C\$83.30 <a href="#">Volume Pricing</a>	2 In Stock
5.00	14.33	15.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-126</a>	C\$83.30 <a href="#">Volume Pricing</a>	5 In Stock
5.00	19.5	20.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-127</a>	C\$83.30 <a href="#">Volume Pricing</a>	4 In Stock
5.00	24.5	25.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-128</a>	C\$83.30 <a href="#">Volume Pricing</a>	Contact Us
6.00	5.19	6.00	VIS-EXT (350- 700nm)	<a href="#">N-SF5</a>	<a href="#">#89-129</a>	C\$67.20 <a href="#">Volume Pricing</a>	Contact Us

6.00	8.22	9.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-130</a>	C\$67.20 <a href="#">Volume Pricing</a>	Contact Us
6.00	11.18	12.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-131</a>	C\$67.20 <a href="#">Volume Pricing</a>	9 In Stock
6.00	17.26	18.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-132</a>	C\$67.20 <a href="#">Volume Pricing</a>	5 In Stock
6.00	23.13	24.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-133</a>	C\$67.20 <a href="#">Volume Pricing</a>	Contact Us
6.00	29.23	30.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-134</a>	C\$67.20 <a href="#">Volume Pricing</a>	5 In Stock
6.00	35.33	36.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-135</a>	C\$67.20 <a href="#">Volume Pricing</a>	2 In Stock
9.00	7.9	9.00	VIS-EXT (350-700nm)	<a href="#">N-SF5</a>	<a href="#">#89-136</a>	C\$68.60 <a href="#">Volume Pricing</a>	7 In Stock
9.00	12.56	13.50	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-137</a>	C\$68.60 <a href="#">Volume Pricing</a>	9 In Stock
9.00	17.12	18.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-138</a>	C\$68.60 <a href="#">Volume Pricing</a>	17 In Stock
9.00	26.08	27.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-139</a>	C\$68.60 <a href="#">Volume Pricing</a>	4 In Stock
9.00	35.15	36.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-140</a>	C\$68.60 <a href="#">Volume Pricing</a>	3 In Stock
9.00	44.17	45.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-141</a>	C\$68.60 <a href="#">Volume Pricing</a>	10 In Stock
10.00	8.89	10.00	VIS-EXT (350-700nm)	<a href="#">N-SF5</a>	<a href="#">#89-142</a>	C\$68.60 <a href="#">Volume Pricing</a>	Contact Us
10.00	13.8	15.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-143</a>	C\$68.60 <a href="#">Volume Pricing</a>	1 In Stock

10.00	19.16	20.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-144</a>	C\$68.60 <a href="#">Volume Pricing</a>	5 In Stock
10.00	24.16	25.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-145</a>	C\$68.60 <a href="#">Volume Pricing</a>	4 In Stock
10.00	29.17	30.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-146</a>	C\$68.60 <a href="#">Volume Pricing</a>	10 In Stock
10.00	39.16	40.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-147</a>	C\$68.60 <a href="#">Volume Pricing</a>	3 In Stock
10.00	49.17	50.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-148</a>	C\$68.60 <a href="#">Volume Pricing</a>	3 In Stock
10.00	99.17	100.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-149</a>	C\$68.60 <a href="#">Volume Pricing</a>	2 In Stock
12.00	10.79	12.00	VIS-EXT (350- 700nm)	<a href="#">N-SF5</a>	<a href="#">#89-150</a>	C\$73.50 <a href="#">Volume Pricing</a>	Contact Us
12.00	16.81	18.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-151</a>	C\$72.10 <a href="#">Volume Pricing</a>	Contact Us
12.00	22.65	24.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#34-189</a>	C\$72.10 <a href="#">Volume Pricing</a>	12 In Stock
12.00	28.75	30.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-153</a>	C\$72.10 <a href="#">Volume Pricing</a>	6 In Stock
12.00	34.9	36.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-154</a>	C\$72.10 <a href="#">Volume Pricing</a>	5 In Stock
12.00	47.09	48.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-155</a>	C\$72.10 <a href="#">Volume Pricing</a>	2 In Stock
12.00	71.07	72.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-156</a>	C\$72.10 <a href="#">Volume Pricing</a>	1 In Stock
15.00	13.68	15.00	VIS-EXT (350- 700nm)	<a href="#">N-SF11</a>	<a href="#">#89-157</a>	C\$73.50 <a href="#">Volume Pricing</a>	4 In Stock

15.00	18.99	20.00	VIS-EXT (350-700nm)	<a href="#">N-SF11</a>	<a href="#">#89-158</a>	C\$72.10 <a href="#">Volume Pricing</a>	5 In Stock
15.00	21.29	22.50	VIS-EXT (350-700nm)	<a href="#">N-SF11</a>	<a href="#">#89-159</a>	C\$72.10 <a href="#">Volume Pricing</a>	14 In Stock
15.00	23.82	25.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-160</a>	C\$72.10 <a href="#">Volume Pricing</a>	Contact Us
15.00	28.82	30.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-161</a>	C\$72.10 <a href="#">Volume Pricing</a>	Contact Us
15.00	44.00	45.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-162</a>	C\$72.10 <a href="#">Volume Pricing</a>	4 In Stock
15.00	49.00	50.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-163</a>	C\$72.10 <a href="#">Volume Pricing</a>	5 In Stock
15.00	59.00	60.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-164</a>	C\$72.10 <a href="#">Volume Pricing</a>	5 In Stock
18.00	16.69	18.00	VIS-EXT (350-700nm)	<a href="#">N-SF11</a>	<a href="#">#89-165</a>	C\$74.90 <a href="#">Volume Pricing</a>	9 In Stock
18.00	25.25	27.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-166</a>	C\$74.90 <a href="#">Volume Pricing</a>	1 In Stock
18.00	34.59	36.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-167</a>	C\$74.90 <a href="#">Volume Pricing</a>	14 In Stock
20.00	18.55	20.00	VIS-EXT (350-700nm)	<a href="#">N-SF11</a>	<a href="#">#89-168</a>	C\$76.30 <a href="#">Volume Pricing</a>	2 In Stock
20.00	23.86	25.00	VIS-EXT (350-700nm)	<a href="#">N-SF11</a>	<a href="#">#89-169</a>	C\$76.30 <a href="#">Volume Pricing</a>	12 In Stock
20.00	28.2	30.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-170</a>	C\$76.30 <a href="#">Volume Pricing</a>	20+ In Stock
20.00	38.44	40.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-171</a>	C\$76.30 <a href="#">Volume Pricing</a>	Contact Us

20.00	48.84	50.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-172</a>	C\$76.30 <a href="#">Volume Pricing</a>	Contact Us
20.00	58.67	60.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-173</a>	C\$76.30 <a href="#">Volume Pricing</a>	Contact Us
20.00	78.67	80.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-174</a>	C\$76.30 <a href="#">Volume Pricing</a>	8 In Stock
25.00	22.47	25.00	VIS-EXT (350-700nm)	<a href="#">N-SF5</a>	<a href="#">#89-175</a>	C\$80.50 <a href="#">Volume Pricing</a>	3 In Stock
25.00	28.31	30.00	VIS-EXT (350-700nm)	<a href="#">N-SF5</a>	<a href="#">#89-176</a>	C\$79.10 <a href="#">Volume Pricing</a>	7 In Stock
25.00	32.81	35.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-177</a>	C\$79.10 <a href="#">Volume Pricing</a>	12 In Stock
25.00	38.21	40.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-178</a>	C\$79.10 <a href="#">Volume Pricing</a>	1 In Stock
25.00	48.29	50.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-179</a>	C\$79.10 <a href="#">Volume Pricing</a>	13 In Stock
25.00	73.84	75.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-180</a>	C\$79.10 <a href="#">Volume Pricing</a>	5 In Stock
25.00	98.95	100.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-181</a>	C\$79.10 <a href="#">Volume Pricing</a>	4 In Stock
25.00	123.84	125.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-182</a>	C\$79.10 <a href="#">Volume Pricing</a>	13 In Stock
25.00	148.88	150.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-183</a>	C\$79.10 <a href="#">Volume Pricing</a>	8 In Stock
25.00	173.94	175.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-184</a>	C\$79.10 <a href="#">Volume Pricing</a>	4 In Stock
25.00	198.35	200.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#34-190</a>	C\$79.10 <a href="#">Volume Pricing</a>	5 In Stock

30.00	28.12	30.00	VIS-EXT (350-700nm)	<a href="#">N-SF11</a>	<a href="#">#89-187</a>	C\$94.50 <a href="#">Volume Pricing</a>	16 In Stock
30.00	47.82	50.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-188</a>	C\$92.40 <a href="#">Volume Pricing</a>	1 In Stock
30.00	58.33	60.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-189</a>	C\$92.40 <a href="#">Volume Pricing</a>	4 In Stock
30.00	73.35	75.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-190</a>	C\$92.40 <a href="#">Volume Pricing</a>	1 In Stock
30.00	98.34	100.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-191</a>	C\$92.40 <a href="#">Volume Pricing</a>	6 In Stock
30.00	118.34	120.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-192</a>	C\$92.40 <a href="#">Volume Pricing</a>	2 In Stock
40.00	37.54	40.00	VIS-EXT (350-700nm)	<a href="#">N-SF11</a>	<a href="#">#89-193</a>	C\$111.30 <a href="#">Volume Pricing</a>	7 In Stock
40.00	57.1	60.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-194</a>	C\$111.30 <a href="#">Volume Pricing</a>	1 In Stock
40.00	77.32	80.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#34-191</a>	C\$111.30 <a href="#">Volume Pricing</a>	Contact Us
40.00	97.33	100.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#34-192</a>	C\$111.30 <a href="#">Volume Pricing</a>	20+ In Stock
40.00	117.67	120.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-197</a>	C\$111.30 <a href="#">Volume Pricing</a>	5 In Stock
40.00	197.35	200.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#34-193</a>	C\$111.30 <a href="#">Volume Pricing</a>	1 In Stock
50.00	45.3	50.00	VIS-EXT (350-700nm)	<a href="#">N-SF11</a>	<a href="#">#89-200</a>	C\$116.20 <a href="#">Volume Pricing</a>	4 In Stock
50.00	96.65	100.00	VIS-EXT (350-700nm)	<a href="#">N-BK7</a>	<a href="#">#89-201</a>	C\$116.20 <a href="#">Volume Pricing</a>	2 In Stock



50.00	147.00	150.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-202</a>	C\$116.20 <a href="#">Volume Pricing</a>	2 In Stock
50.00	198.33	200.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-203</a>	C\$116.20 <a href="#">Volume Pricing</a>	Contact Us
50.00	248.37	250.00	VIS-EXT (350- 700nm)	<a href="#">N-BK7</a>	<a href="#">#89-204</a>	C\$116.20 <a href="#">Volume Pricing</a>	13 In Stock



Copyright 2023, Edmund Optics Inc., 101 East Gloucester Pike, Barrington, NJ 08007-1380 USA  
 Phone: 1-800-363-1992 :  
[www.edmundoptics.com](http://www.edmundoptics.com)