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TECHSPEC® B270 Windows See More by [SCHOTT Optical Components](#)


- Large Selection of Sizes
- Available Uncoated, MgF2, or VIS-NIR Anti-Reflection (AR) Coated
- Custom Sizes Available for Volume OEM Requirements

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed	Edges:	Fine Ground
Knoop Hardness (kg/mm²):	500.00	Poisson's Ratio:	0.22
Young's Modulus (GPa):	71.5		

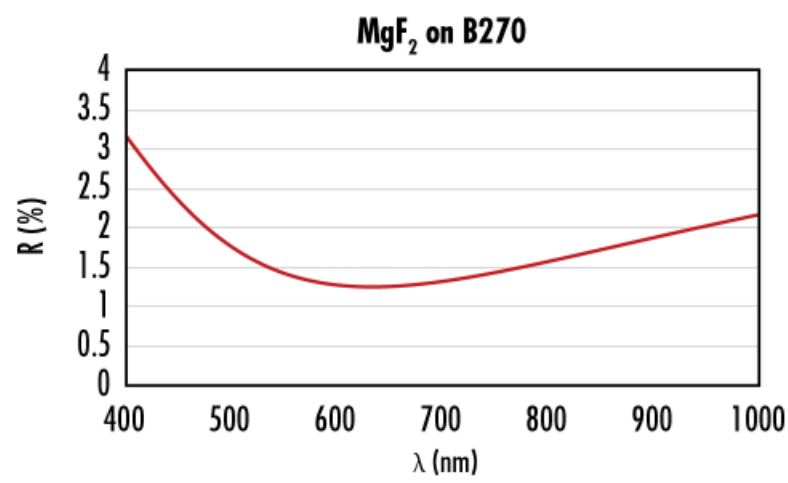
Optical Properties

Abbe Number (v_d):	58.3		
Index of Refraction (n_d):	1.523	Substrate:	B270
Surface Quality:	60-40		

Material Properties

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):	9.4 (+20 to +300°C)
Density (g/cm³):	2.56

Technical Information



Products

Dia. (mm)	Dimensions (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
5.00	-	1.00	Uncoated	#45-635	₹2,237 Volume Pricing	20+ In Stock
5.00	-	1.00	MgF ₂ (632.8nm)	#32-946	₹2,659 Volume Pricing	20+ In Stock
5.00	-	1.00	VIS-NIR (400-1000nm)	#26-571	₹3,539 Volume Pricing	Contact Us
-	5.00 x 5.00	1.00	Uncoated	#64-083	₹2,237 Volume Pricing	20+ In Stock
-	5.00 x 5.00	1.00	MgF ₂ (632.8nm)	#64-088	₹2,659 Volume Pricing	20+ In Stock
10.00	-	1.00	Uncoated	#45-636	₹2,237 Volume Pricing	20+ In Stock
10.00	-	1.00	MgF ₂ (632.8nm)	#32-947	₹2,659 Volume Pricing	Contact Us
10.00	-	1.00	VIS-NIR (400-1000nm)	#26-572	₹3,539 Volume Pricing	Contact Us
-	10.00 x 10.00	1.00	Uncoated	#64-084	₹2,237 Volume Pricing	20+ In Stock
-	10.00 x 10.00	1.00	MgF ₂ (632.8nm)	#64-089	₹2,659 Volume Pricing	14 In Stock
12.50	-	1.00	Uncoated	#17-163	₹2,347 Volume Pricing	12 In Stock
12.50	-	2.00	Uncoated	#45-637	₹2,347 Volume Pricing	20+ In Stock
12.50	-	1.00	MgF ₂ (632.8nm)	#17-173	₹2,769 Volume Pricing	8 In Stock
12.50	-	2.00	MgF ₂ (632.8nm)	#32-948	₹2,769 Volume Pricing	20+ In Stock
12.50	-	2.00	VIS-NIR (400-1000nm)	#26-574	₹3,612 Volume Pricing	Contact Us

-	12.50 x 12.50	2.00	Uncoated	#64-085	₹2,347 Volume Pricing	20+ In Stock
-	12.50 x 12.50	2.00	MgF ₂ (632.8nm)	#45-182	₹2,769 Volume Pricing	Contact Us
15.00	-	2.00	Uncoated	#45-638	₹2,347 Volume Pricing	20+ In Stock
15.00	-	2.00	MgF ₂ (632.8nm)	#32-949	₹2,769 Volume Pricing	20+ In Stock
15.00	-	2.00	VIS-NIR (400-1000nm)	#26-575	₹3,612 Volume Pricing	20+ In Stock
-	15.00 x 15.00	2.00	Uncoated	#64-086	₹2,347 Volume Pricing	9 In Stock
-	15.00 x 15.00	2.00	MgF ₂ (632.8nm)	#64-090	₹2,769 Volume Pricing	20+ In Stock
20.00	-	1.00	Uncoated	#17-164	₹2,457 Volume Pricing	20+ In Stock
20.00	-	2.00	Uncoated	#45-639	₹2,457 Volume Pricing	20+ In Stock
20.00	-	1.00	MgF ₂ (632.8nm)	#17-174	₹2,897 Volume Pricing	20+ In Stock
20.00	-	2.00	MgF ₂ (632.8nm)	#32-950	₹2,897 Volume Pricing	20+ In Stock
20.00	-	2.00	VIS-NIR (400-1000nm)	#26-577	₹3,741 Volume Pricing	5 In Stock
-	20.00 x 20.00	2.00	Uncoated	#64-087	₹2,457 Volume Pricing	6 In Stock
-	20.00 x 20.00	2.00	MgF ₂ (632.8nm)	#64-091	₹2,897 Volume Pricing	20+ In Stock
25.00	-	1.00	Uncoated	#17-165	₹2,696 Volume Pricing	Contact Us
25.00	-	2.00	Uncoated	#45-640	₹2,696 Volume Pricing	20+ In Stock
25.00	-	1.00	MgF ₂ (632.8nm)	#17-175	₹3,117 Volume Pricing	10 In Stock
25.00	-	2.00	MgF ₂ (632.8nm)	#32-951	₹3,117 Volume Pricing	20+ In Stock

25.00	-	2.00	VIS-NIR (400-1000nm)	#26-579	₹3,961 Volume Pricing	20+ In Stock
-	25.00 x 25.00	2.00	Uncoated	#48-538	₹2,696 Volume Pricing	20+ In Stock
-	25.00 x 25.00	2.00	MgF ₂ (632.8nm)	#45-183	₹3,117 Volume Pricing	20+ In Stock
30.00	-	2.00	Uncoated	#45-641	₹2,897 Volume Pricing	15 In Stock
30.00	-	1.00	Uncoated	#17-166	₹2,897 Volume Pricing	20+ In Stock
30.00	-	1.00	MgF ₂ (632.8nm)	#17-176	₹3,539 Volume Pricing	6 In Stock
30.00	-	2.00	MgF ₂ (632.8nm)	#45-254	₹3,539 Volume Pricing	20+ In Stock
30.00	-	2.00	VIS-NIR (400-1000nm)	#26-581	₹5,135 Volume Pricing	6 In Stock
35.00	-	2.00	Uncoated	#45-642	₹3,154 Volume Pricing	20+ In Stock
35.00	-	2.00	MgF ₂ (632.8nm)	#45-255	₹3,814 Volume Pricing	20+ In Stock
35.00	-	2.00	VIS-NIR (400-1000nm)	#26-582	₹5,391 Volume Pricing	3 In Stock
40.00	-	1.00	Uncoated	#17-167	₹3,998 Volume Pricing	20+ In Stock
40.00	-	3.00	Uncoated	#45-643	₹3,998 Volume Pricing	20+ In Stock
40.00	-	1.00	MgF ₂ (632.8nm)	#17-177	₹4,658 Volume Pricing	2 In Stock
40.00	-	3.00	MgF ₂ (632.8nm)	#45-571	₹4,658 Volume Pricing	20+ In Stock
40.00	-	3.00	VIS-NIR (400-1000nm)	#26-584	₹6,235 Volume Pricing	6 In Stock
50.00	-	1.00	Uncoated	#17-168	₹4,474 Volume Pricing	20+ In Stock
50.00	-	3.00	Uncoated	#45-644	₹4,474 Volume Pricing	20+ In Stock

50.00	-	1.00	MgF ₂ (632.8nm)	#17-178	₹5,391 Volume Pricing	14 In Stock
50.00	-	3.00	MgF ₂ (632.8nm)	#45-572	₹5,391 Volume Pricing	20+ In Stock
50.00	-	3.00	VIS-NIR (400-1000nm)	#26-586	₹6,895 Volume Pricing	Contact Us
-	50.00 x 50.00	3.00	Uncoated	#48-413	₹4,474 Volume Pricing	20+ In Stock
-	50.00 x 50.00	3.00	MgF ₂ (632.8nm)	#48-418	₹5,391 Volume Pricing	20+ In Stock
75.00	-	3.00	Uncoated	#48-414	₹7,335 Volume Pricing	20+ In Stock
75.00	-	3.00	MgF ₂ (632.8nm)	#48-419	₹8,729 Volume Pricing	Contact Us
-	75.00 x 75.00	3.00	MgF ₂ (632.8nm)	#48-420	₹8,729 Volume Pricing	15 In Stock
-	75.00 x 75.00	3.00	Uncoated	#48-415	₹7,335 Volume Pricing	20+ In Stock
100.00	-	3.00	Uncoated	#17-169	₹10,562 Volume Pricing	10 In Stock
100.00	-	3.00	MgF ₂ (632.8nm)	#17-179	₹15,624 Volume Pricing	Contact Us
125.00	-	4.00	Uncoated	#17-170	₹14,083 Volume Pricing	10 In Stock
125.00	-	4.00	MgF ₂ (632.8nm)	#17-180	₹19,805 Volume Pricing	5 In Stock
150.00	-	4.00	Uncoated	#17-171	₹17,531 Volume Pricing	11 In Stock
150.00	-	4.00	MgF ₂ (632.8nm)	#17-181	₹25,452 Volume Pricing	1 In Stock
200.00	-	4.00	Uncoated	#17-172	₹25,012 Volume Pricing	3 In Stock
200.00	-	4.00	MgF ₂ (632.8nm)	#17-182	₹39,609 Volume Pricing	Contact Us



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