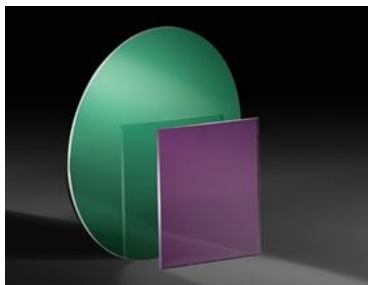


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Protective Overcoat Wire Grid Polarizers



- Reflect S-Polarized Light, Transmit P-Polarized Light
- Protective Overcoat for Easy Handling and Cleaning
- Lighter, Thinner Design than Traditional [Wire Grid Polarizers](#)
- Overcoat Temperature Stability up to 200°C

Common Specifications

General			
Note:		When the Reference Mark is orientated to the 3 or 9 o'clock position, the transmission axis runs left to right.	
Physical & Mechanical Properties			
Thickness (mm):		0.70 ±0.07	
Dimensional Tolerance (mm):		±0.2	Construction: Wire Grid
Alignment Tolerance (°):		±1.0	
Optical Properties			
Angle of Incidence (°):		0 ±20	
Coating:		BBAR (400-700nm)	Extinction Ratio: 348:1 @ 450nm 885:1 @ 550nm 1229:1 @ 650nm
Substrate:		Corning Eagle XG	Surface Quality: 80-50
Transmission (%):		87	Transmission Tolerance (%): ±2.5 @ 420 - 700nm
Coating Specification:		R _{avg} <1% @ 400 - 700nm (Back of Substrate)	Wavelength Range (nm): 420 - 700
Material Properties			
Thermal Expansion:		31.7 x 10 ⁻⁷ /°C	
Environmental & Durability Factors			
Operating Temperature (°C):		-40 to +200	

Technical Information

Products

Coating Specification	Alignment Tolerance (°)	Operating Temperature (°C)	Substrate	Thickness (mm)	Dimensions (mm)	Stock Number	Price	Buy
R _{avg} <1% @ 400 - 700nm (Back of Substrate)	±1.0	-40 to +200	Corning Eagle XG	0.70	-	#12-648	S\$512.27 Volume Pricing	8 In Stock
R _{avg} <1% @ 400 - 700nm (Back of Substrate)	±1.0	-40 to +200	Corning Eagle XG	0.70	12.5 x 12.5	#12-645	S\$325.58 Volume Pricing	Contact Us
R _{avg} <1% @ 400 - 700nm (Back of Substrate)	±1.0	-40 to +200	Corning Eagle XG	0.70	-	#12-649	S\$813.96 Volume Pricing	4 In Stock
R _{avg} <1% @ 400 - 700nm (Back of Substrate)	±1.0	-40 to +200	Corning Eagle XG	0.70	25.0 x 25.0	#12-646	S\$458.50 Volume Pricing	13 In Stock
R _{avg} <1% @ 400 - 700nm (Back of Substrate)	±1.0	-40 to +200	Corning Eagle XG	0.70	-	#12-650	S\$1,799.67 Volume Pricing	2 In Stock
R _{avg} <1% @ 400 - 700nm (Back of Substrate)	±1.0	-40 to +200	Corning Eagle XG	0.70	50.0 x 50.0	#12-647	S\$1,405.38 Volume Pricing	Contact Us



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