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Infrared (IR) Wire Grid Polarizers



- Designed for Wavelengths Ranging from 2 - 30 μ m
- Various Substrates Available
- 360° Rotation Using [Metric Polarizer Mounts](#)



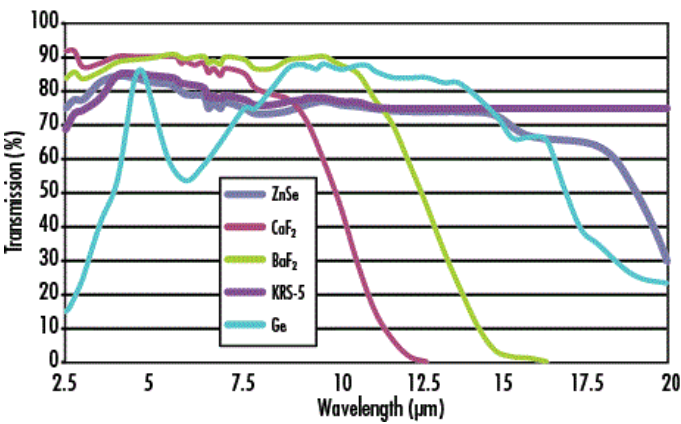
Common Specifications

General

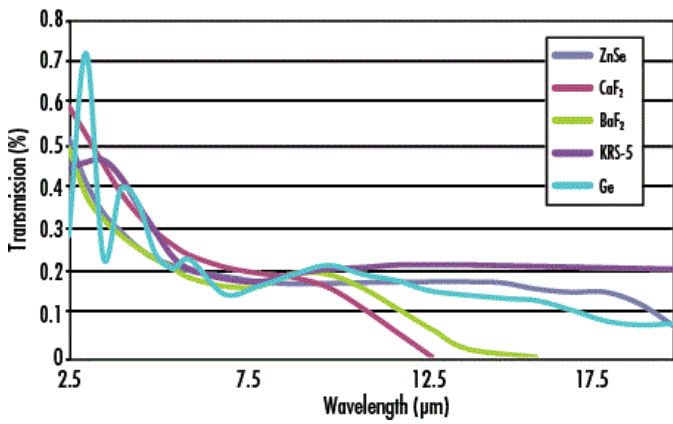
Note:		Notches on polarizer ring are aligned with wires of wire grid (max. reflection)	
Physical & Mechanical Properties			
Thickness (mm):		2.00	
Parallelism (arcmin):		≤3	
		Dimensional Tolerance (mm):	
		±0.2	
Construction:		Wire Grid	
		Groove Parallelism to Edge (°):	
		N/A	
Optical Properties			
Angle of Incidence (°):		0	
		Polarization:	
		Notches on polarizer ring are aligned with wires of wire grid	
Damage Threshold, By Design:		50 W/cm ²	
		Groove Density (grooves/mm):	
		2700.00	
Threading & Mounting			
Ring Thickness (mm):		±0.1	
		Mount:	
		Black Anodized Aluminum	
Environmental & Durability Factors			
Operating Temperature (°C):		-20 to 75	

Technical Information

Typical Max Transmission for Linear Polarized Light



Typical Min Transmission for Linear Polarized Light



Products

Mount	Operating Temperature (°C)	Substrate	Thickness (mm)	CA (mm)	Dia. (mm)	Stock Number	Price	Buy
Black Anodized Aluminum	-20 to 75	Barium Fluoride (BaF ₂)	2.00	18.0	25.00	#62-770	£1,422.69 Volume Pricing	1 In Stock
Black Anodized Aluminum	-20 to 75	Barium Fluoride (BaF ₂)	2.00	34.0	50.00	#62-771	£1,794.78 Volume Pricing	Contact Us
Black Anodized Aluminum	-20 to 75	Zinc Selenide (ZnSe)	2.00	18.0	25.00	#62-772	£1,396.42 Volume Pricing	3 In Stock
Black Anodized Aluminum	-20 to 75	Zinc Selenide (ZnSe)	2.00	34.0	50.00	#62-773	£1,904.21 Volume Pricing	Contact Us
Black Anodized Aluminum	-20 to 75	Thallium Bromoiodide (KRS-5)	2.00	18.0	25.00	#62-774	£1,685.34 Volume Pricing	Contact Us
Black Anodized Aluminum	-20 to 75	Thallium Bromoiodide (KRS-5)	2.00	34.0	50.00	#62-775	£2,232.53 Volume Pricing	1 In Stock
Black Anodized Aluminum	-20 to 75	Germanium (Ge)	2.00	18.0	25.00	#62-776	£1,606.54	3 In Stock



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