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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](#)



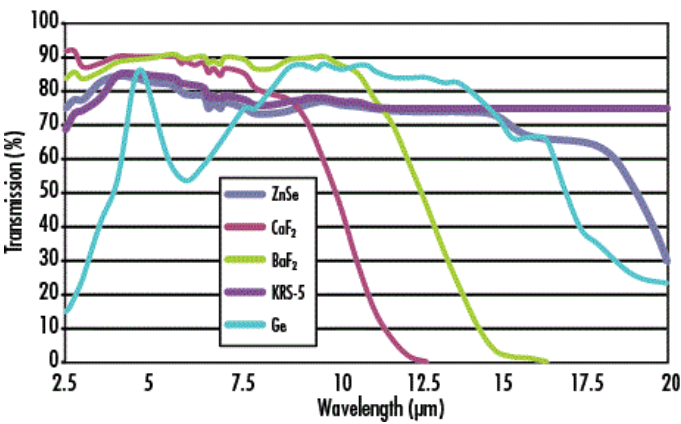
Common Specifications

General

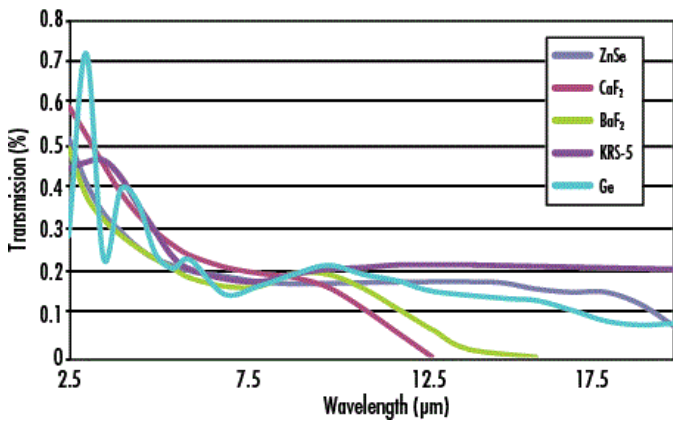
Note:		Notches on polarizer ring are aligned with wires of wire grid (max. reflection)	
Physical & Mechanical Properties			
Thickness (mm):		2.00	
Parallelism (arcmin):		≤3	
		Dimensional Tolerance (mm): ±0.2	
Construction:		Wire Grid	
		Groove Parallelism to Edge (°): N/A	
Optical Properties			
Angle 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	€1.625,00 Qty 6+ €1.300,00	3-4 days
Black Anodized Aluminum	-20 to 75	Barium Fluoride (BaF ₂)	2.00	34.0	50.00	#62-771	€2.050,00 Qty 6+ €1.640,00	3-4 days
Black Anodized Aluminum	-20 to 75	Zinc Selenide (ZnSe)	2.00	18.0	25.00	#62-772	€1.595,00 Qty 6+ €1.276,00	In Stock
Black Anodized Aluminum	-20 to 75	Zinc Selenide (ZnSe)	2.00	34.0	50.00	#62-773	€2.175,00 Qty 6+ €1.740,00	3-4 days
Black Anodized Aluminum	-20 to 75	Thallium Bromoiodide (KRS-5)	2.00	18.0	25.00	#62-774	€1.925,00 Qty 6+ €1.540,00	3-4 days
Black Anodized Aluminum	-20 to 75	Thallium Bromoiodide (KRS-5)	2.00	34.0	50.00	#62-775	€2.550,00 Qty 6+ €2.040,00	3-4 days
Black Anodized Aluminum	-20 to 75	Germanium (Ge)	2.00	18.0	25.00	#62-776	€1.835,00	3-4 days



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