NIR Wire Grid Polarizer, HC, 700nm–2500nm, 12.5mm Dia.

Photo shows 26-998 and 27-000 NIR Wi Grid Polarizers

Stock #26-993 CLEARANCE 1 In Stock

- 1 +

£632.00

ADD TO CART

Volume Pricing	
Qty 1-5	£632.00 each
Qty 6+	£572.00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

STEP:step | PDF Drawing:pdf | IGES:igs | eDrawing:eprt | EO Spec Sheet | Download All

General

Type:	Linear Polarizer

Physical & Mechanical Properties

Clear Aperture CA (mm):	8.5	**Diameter (mm):**	12.50 ±0.2
Thickness (mm):	5.80 ±0.2 (with mount)	**Construction:**	Wire Grid

Optical Properties

Angle of Incidence (°):	0° ±20°	**Coating:**	Uncoated
Extinction Ratio:	1100:1@900nm 3000:1@1400nm 5500:1@1900nm 5900:1@2400nm	**Substrate:** ⓘ	Wire Grid on Display Grade Glass
Surface Quality:	80-50	**Transmission (%):**	>81.5@900nm >87.7@1400nm >88.9@1900nm >88.6@2400nm
Wavelength Range (nm):	700 - 2500		

Threading & Mounting

Mount:	Mounted 6061 Anodized Aluminium

Material Properties

Thermal Expansion:	31.7 x 10-7/˚C (0 - 300˚C)

Regulatory Compliance

Certificate of Conformance:	**View**

Product Details

- Designed for 700 - 2500nm
- High Transmission and High Contrast Versions Available
- Ideal for Thermal Imaging

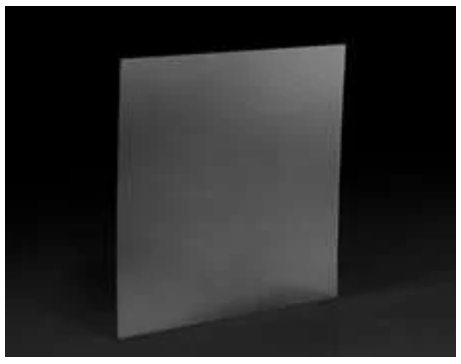
NIR Wire Grid Polarizers are broadband polarizers designed to provide high transmission from 700 - 2500nm. These polarizers are optimized as either a high contrast version, providing 5900:1 extinction ratio at 2400nm, or as a high transmission version providing up to 91% transmission at 1900nm. NIR Wire Grid Polarizers are manufactured on high-grade display glass, providing excellent heat resistance for NIR applications. When incident light strikes the wire grid, P-polarized light contacts a dielectric and is transmitted, while S-polarized light contacts a mirror and is reflected.

Special Handling

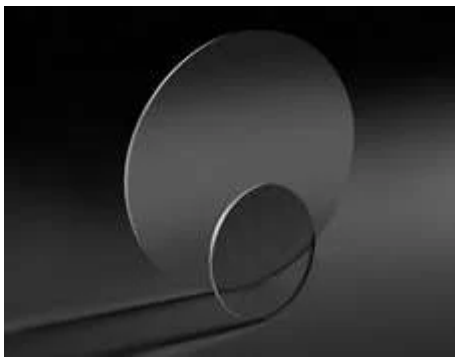
These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our **Optics Cleaning Resources** for step-by-step guides and best practices. For personalized assistance, **Email us** or **Chat** with our technical support team.

Component Handling Tools

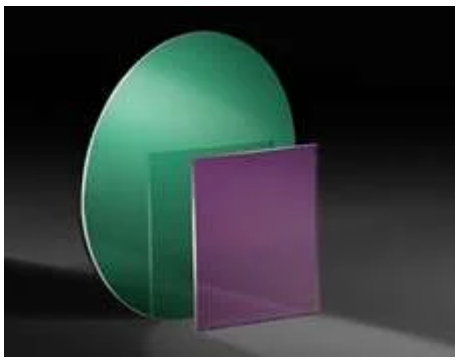
Related Products



Wire Grid Polarizing Film



UV Wire Grid Linear Polarizers



Protective Overcoat Wire Grid Polarizers

Infrared (IR) Wire Grid Polarizers

Resources

Media Type

- [ ] Glossary

GLOSSARY

Average Extinction

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