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TECHSPEC® 1030nm, 25.4mm Dia., 45° Thin Film Polarizer



TECHSPEC® Ultrafast Thin Film Polarizers

Stock #12-992 **4 In Stock**

MRP ₹46,914

Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	₹46,914 each
Qty 5-9	₹41,970 each
Qty 10+	₹37,633 each
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General

Linear Polarizer **Type:**

Physical & Mechanical Properties

25.40 +0.00/-0.10 **Diameter (mm):**

Thickness (mm):

3.00 ±0.10

<3 **Parallelism (arcmin):**

85 **Clear Aperture (%):**

Optical Properties

45 ±1 **Angle of Incidence (°):**

Thin Film Polarizer (1030nm) **Coating:**

1030 **Design Wavelength DWL (nm):**

1000:1 **Extinction Ratio:**

Fused Silica (Corning 7980) **Substrate:** □

10-5 **Surface Quality:**

M10 @ 633nm **Transmitted Wavefront, P-V:**

Coating Specification:
S1: R_s >99.8% @ 1030nm, T_p >98% @ 1030nm
S2: R_p <0.1% @ 1030nm

Regulatory Compliance

View **Certificate of Conformance:**

Lithuania **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- Ideal for Ti:sapphire and Yb:doped Ultrafast Lasers
- Optimized for Separation of S and P Polarizations at 45° AOI
- High Extinction Ratio of 1000:1 @ DWL

TECHSPEC® Ultrafast Thin Film Polarizers utilize thin film coating technology to achieve optimal performance at 800 and 1030nm. The ion beam sputtering (IBS) coating on these polarizers provides >99.8% reflectance of the s-polarization and >98% transmission of the p-polarization at a 45° angle of incidence. TECHSPEC Ultrafast Thin Film Polarizers are ideal to use with ultrafast laser sources such as Ti:sapphire and Yb:doped lasers. Please contact us if your application requires an Ultrafast Thin Film Polarizer with a custom size or coating specifications.

Note: The arrow on the edge of these optics points towards the thin film polarizer coating.

Coating Curves