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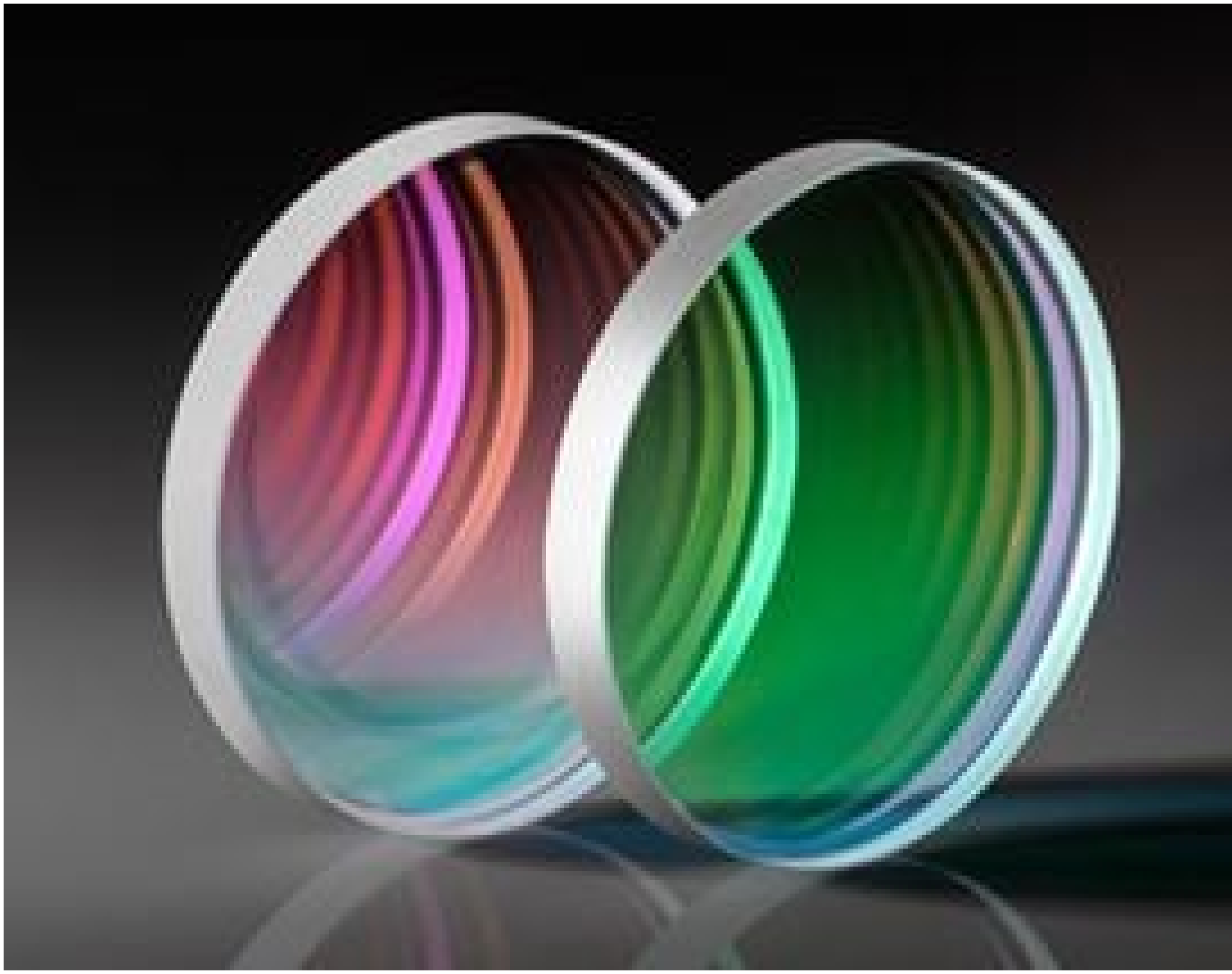
TECHSPEC® 1030nm, 12.7mm Dia., 45° Thin Film Polarizer



TECHSPEC® Ultrafast Thin Film Polarizers

Stock **#13-055** **20+ In Stock**

- 1 +

MRP ₹37,633

Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	**₹37,633** each
Qty 5-9	**₹33,294** each
Qty 10+	**₹29,460** each
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General

Type:

Linear Polarizer

Physical & Mechanical Properties

Diameter (mm):

12.70 +0.00/-0.10

Thickness (mm):

3.00 ±0.10

Parallelism (arcmin):
<3

Clear Aperture (%):
85

Optical Properties

Angle of Incidence (°):
45 ±1

Coating:
Thin Film Polarizer (1030nm)

Design Wavelength DWL (nm):
1030

Extinction Ratio:
1000:1

Substrate:
Fused Silica (Corning 7980)

Surface Quality:
10-5

Transmitted Wavefront, P-V:
λ/10 @ 633nm

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

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
Lithuania

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

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