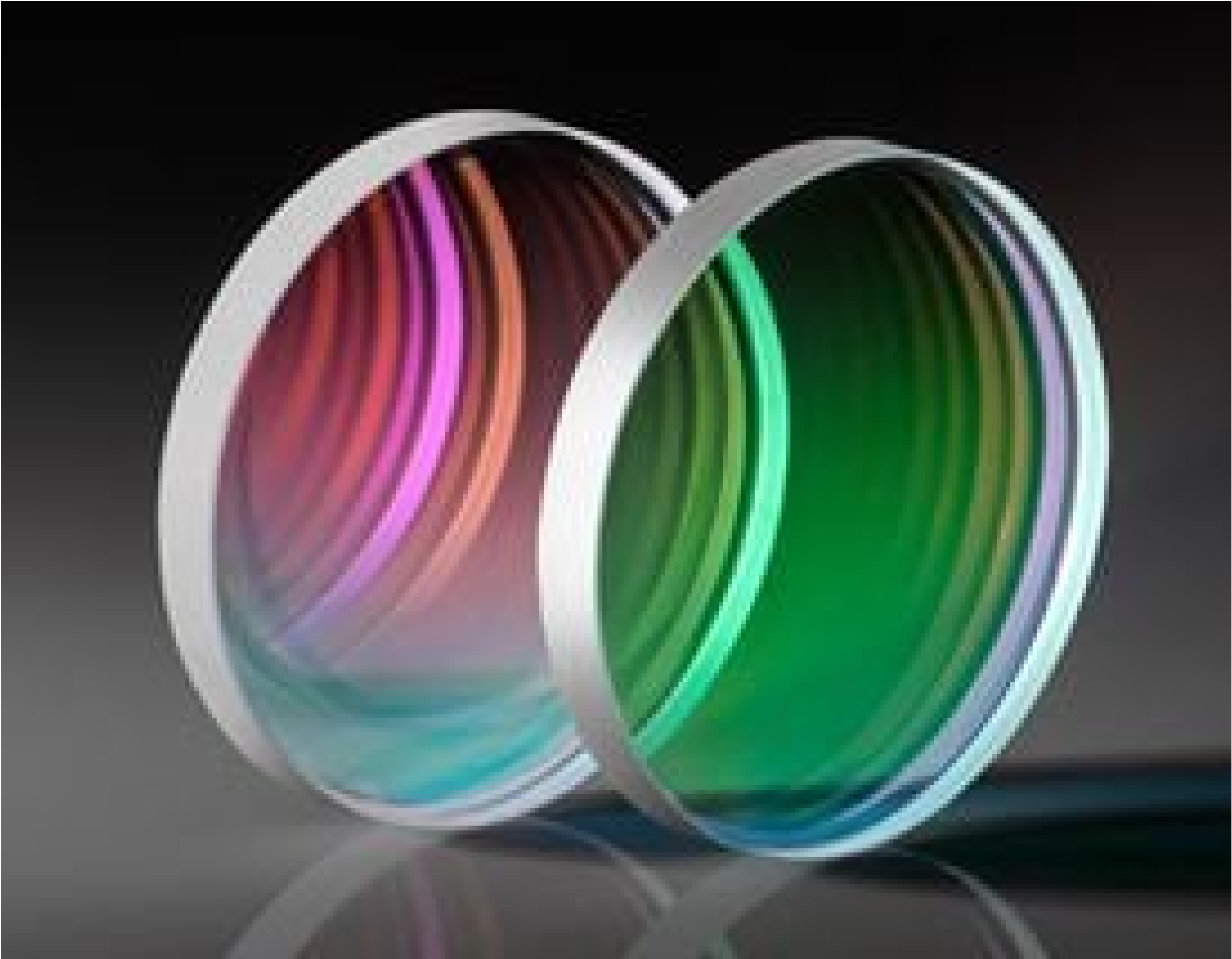


TECHSPEC[®] 1030nm, 12.7mm Dia., 45° Thin Film Polarizer



TECHSPEC[®] Ultrafast Thin Film Polarizers

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

-

1

+

S\$522²⁰

ADD TO CART

Volume Pricing	
Qty 1-4	S\$522.20 each
Qty 5-9	S\$462.00 each
Qty 10+	S\$408.80 each
Need More?	Request Quote

Product Downloads

General

Linear Polarizer

Type:

Physical & Mechanical Properties

12.70 +0.00/-0.10

Diameter (mm):

3.00 ±0.10

Thickness (mm):

<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:

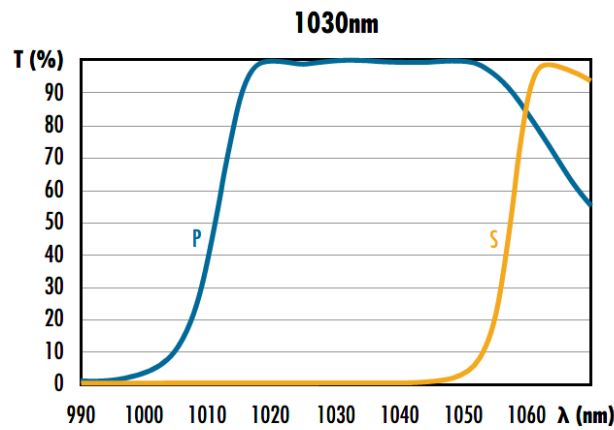
Product Details

- 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.

Technical Information



Coating Curves