

Thin Film Polarizer

Thin Film Polarizers (TFP's) is used to split a laser beam into two parts with S and P Polarizations. Conversely, TFP's can be used to combine two beams with S and P polarizations. TFP's consist of a coated plate, which is oriented at Brewster's angle with respect to the incoming beam. The thin film coating will enhance the reflectivity of the s-polarized component of the beam, while maintaining high transmission of the p-polarized component.

Part No.	Dimension (mm × mm)	Thickness (mm)	Material
TFP-Z-0.75×1.5×3M	19.1×38.1	3.0	ZnSe
TFP-Z-40×15×3M	50.0 ×15.0	3.0	ZnSe

