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TECHSPEC® Thin Film Laser Line Polarizers



- High Extinction Ratio of 10,000:1
- 45° Angle of Incidence
- Available for Nd:YAG Harmonics and HeNe Wavelengths

Common Specifications

Physical & Mechanical Properties

Thickness (mm):	6.00 ±0.25	Dimensional Tolerance (mm):	+0.00/-0.25
Construction:	Thin Film Dielectric	Clear Aperture (%):	90
Optical Properties			
Angle of Incidence (°):	45 ±2	Extinction Ratio:	10,000:1
Substrate:	Fused Silica (Corning 7980)	Surface Quality:	40-20
Transmission (%):	>98 (P-Polarization)	Transmitted Wavefront, P-V:	λ/4 @ 633nm
Damage Threshold, By Design:	2 J/cm ² @ 532nm, 10ns, S or P Polarization		

Technical Information

Products

DWL (nm)	Extinction Ratio	CA (mm)	Surface Quality	Dia. (mm)	CA (%)	Stock Number	Price	Buy
355	10,000:1	22.5	40-20	25.00	90	#86-707	£455.26 Volume Pricing	13 In Stock
355	10,000:1	45.00	40-20	50.00	90	#86-708	£884.26 Volume Pricing	3 In Stock
532	10,000:1	11.25	40-20	12.50	90	#86-709	£267.03 Volume Pricing	1 In Stock
532	10,000:1	22.50	40-20	25.00	90	#86-710	£455.26 Volume Pricing	3 In Stock
532	10,000:1	45.00	40-20	50.00	90	#86-711	£884.26 Volume Pricing	6 In Stock
633	10,000:1	22.50	40-20	25.00	90	#86-713	£455.26 Volume Pricing	5 In Stock
633	10,000:1	45.00	40-20	50.00	90	#86-714	£884.26 Volume Pricing	1 In Stock
1064	10,000:1	22.50	40-20	25.00	90	#86-716	£455.26 Volume Pricing	2 In Stock
1064	10,000:1	45.00	40-20	50.00	90	#86-717	£884.26 Volume Pricing	3 In Stock



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