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## TECHSPEC® Laser Line Polarizing Plate Beamsplitters



- 45° Angle of Incidence
- Reflects S-Polarized Light, Transmits P-Polarized Light
- Available for Nd:YAG Harmonics and HeNe Wavelengths

### Common Specifications

#### Physical & Mechanical Properties

|                                  |                              |                                |                                                        |
|----------------------------------|------------------------------|--------------------------------|--------------------------------------------------------|
| Clear Aperture (%):              | 90                           | Construction:                  | Thin Film Dielectric                                   |
| Dimensional Tolerance (mm):      | +0.00/-0.25                  | Thickness (mm):                | 6.00 ±0.25                                             |
| <b>Optical Properties</b>        |                              |                                |                                                        |
| Angle of Incidence (°):          | 45±2                         | Extinction Ratio:              | 10,000:1                                               |
| P-Polarization Transmission (%): | >98                          | S-Polarization Reflection (%): | >99                                                    |
| Substrate:                       | <a href="#">Fused Silica</a> | Surface Quality:               | 40-20                                                  |
| Transmitted Wavefront, P-V:      | $\lambda/4$ @ 633nm          | Damage Threshold, By Design:   | 2 J/cm <sup>2</sup> @ 532nm, 10ns, S or P Polarization |

## Technical Information

# Products

| Dia.<br>(mm)                                                                      | DWL<br>(nm) | Stock Number                                                                                                                                          | Price                                       | Buy        |
|-----------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|
| 25.00                                                                             | 355         | <a href="#">#21-884</a>                                                                                                                               | S\$756.00<br><a href="#">Volume Pricing</a> | Contact Us |
| 25.00                                                                             | 532         | <a href="#">#21-887</a>                                                                                                                               | S\$756.00<br><a href="#">Volume Pricing</a> | 2 In Stock |
| 25.00                                                                             | 633         | <a href="#">#21-890</a>                                                                                                                               | S\$756.00<br><a href="#">Volume Pricing</a> | 1 In Stock |
| <a href="#">#21-891 Clearance</a>                                                 |             |                                                                                                                                                       |                                             |            |
|  |             |                                                                                                                                                       |                                             |            |
| 50.00                                                                             | 633         | Clearance<br>Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products. | S\$917.00                                   | 1 In Stock |
| 25.00                                                                             | 1064        | <a href="#">#21-893</a>                                                                                                                               | S\$756.00<br><a href="#">Volume Pricing</a> | Contact Us |



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