

High Contrast Brewster Type Thin Film Polarizers

Typical Items

| Wavelength, nm | Dimensions, mm | Transmission p-pol, % | Reflection s-pol, % | Coating transmitted GDD (p-pol) | Coating reflected GDD (s-pol) | Product ID for AOI=Brewster |
|----------------|----------------|-----------------------|---------------------|---------------------------------|-------------------------------|-------------------------------|
| 343 | Ø25.4x5 | >97 | >99.7 | GDD <100 fs ² | GDD <50 fs ² | 2-HCBTFP-0343-0254 |
| | 20x40x5 | >97 | >99.7 | GDD <100 fs ² | GDD <50 fs ² | 2-HCBTFP-0343-2040 |
| | 10x20x5 | >97 | >99.7 | GDD <100 fs ² | GDD <50 fs ² | 2-HCBTFP-0343-1020 |
| 355 | Ø25.4x5 | >97 | >99.7 | | | 2-HCBTFP-0355-0254 |
| | 20x40x5 | >97 | >99.7 | | | 2-HCBTFP-0355-2040 |
| | 10x20x5 | >97 | >99.7 | | | 2-HCBTFP-0355-1020 |
| 400 | Ø25.4x5 | >98 | >99.8 | GDD <200 fs ² | GDD <100 fs ² | 2-HCBTFP-0400-0254 |
| | 20x40x5 | >98 | >99.8 | GDD <200 fs ² | GDD <100 fs ² | 2-HCBTFP-0400-2040 |
| | 10x20x5 | >98 | >99.8 | GDD <200 fs ² | GDD <100 fs ² | 2-HCBTFP-0400-1020 |
| 515 | Ø25.4x5 | >99 | >99.9 | GDD <300 fs ² | GDD <100 fs ² | 2-HCBTFP-0515-0254 |
| | 20x40x5 | >99 | >99.9 | GDD <300 fs ² | GDD <100 fs ² | 2-HCBTFP-0515-2040 |
| | 10x20x5 | >99 | >99.9 | GDD <300 fs ² | GDD <100 fs ² | 2-HCBTFP-0515-1020 |
| 532 | Ø25.4x5 | >99 | >99.9 | | | 2-HCBTFP-0532-0254 |
| | 20x40x5 | >99 | >99.9 | | | 2-HCBTFP-0532-2040 |
| | 10x20x5 | >99 | >99.9 | | | 2-HCBTFP-0532-1020 |
| 800 | Ø25.4x5 | >99 | >99.9 | GDD <400 fs ² | GDD <200 fs ² | 2-HCBTFP-0800-0254 |
| | 20x40x5 | >99 | >99.9 | GDD <400 fs ² | GDD <200 fs ² | 2-HCBTFP-0800-2040 |
| | 10x20x5 | >99 | >99.9 | GDD <400 fs ² | GDD <200 fs ² | 2-HCBTFP-0800-1020 |
| 1030 | Ø25.4x5 | >99 | >99.9 | GDD <500 fs ² | GDD <200 fs ² | 2-HCBTFP-1030-0254 |
| | 20x40x5 | >99 | >99.9 | GDD <500 fs ² | GDD <200 fs ² | 2-HCBTFP-1030-2040 |
| | 10x20x5 | >99 | >99.9 | GDD <500 fs ² | GDD <200 fs ² | 2-HCBTFP-1030-1020 |
| 1064 | Ø25.4x5 | >99 | >99.9 | | | 2-HCBTFP-1064-0254 |
| | 20x40x5 | >99 | >99.9 | | | 2-HCBTFP-1064-2040 |
| | 10x20x5 | >99 | >99.9 | | | 2-HCBTFP-1064-1020 |
| | | | | | | Product ID for AOI=45° |
| 355 | Ø25.4x5 | >97 | >99.8 | | | 2-HC45TFP-0355-0254 |
| 532 | Ø25.4x5 | >97 | >99.9 | | | 2-HC45TFP-0532-0254 |
| 1030 | Ø25.4x5 | >97 | >99.9 | | | 2-HC45TFP-1030-0254 |
| 1064 | Ø25.4x5 | >97 | >99.9 | | | 2-HC45TFP-1064-0254 |