

**TECHSPEC® 25.4mm Dia., 532nm T, 355nm R 45° Harmonic Separator**



TECHSPEC Nd:YAG Harmonic Separators

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1



**£227.80**

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Qty 1-5

£227.80

Qty 6+

£204.85

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**Angle of Incidence (°):**  
45

**Clear Aperture (%):**  
>85

**Coating Specification:**  
Surface 1: R<sub>abs</sub>: >99% @ 355nm, T<sub>abs</sub>: >95% @ 532nm

|                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surface 2: R <sub>abs</sub> : <0.5% @532nm                                                                                                                                                                                   |
| <b>Construction:</b><br>Dichroic                                                                                                                                                                                             |
| <b>Diameter (mm):</b><br>25.40 +0.00/-0.10                                                                                                                                                                                   |
| <b>Parallelism (arcmin):</b><br><3                                                                                                                                                                                           |
| <b>Reflection Wavelength (nm):</b><br>355                                                                                                                                                                                    |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">Fused Silica</a> (Corning 7980)                                                                                                                                    |
| <b>Surface Flatness (P-V):</b><br>λ/10                                                                                                                                                                                       |
| <b>Surface Quality:</b><br>10-5                                                                                                                                                                                              |
| <b>Thickness (mm):</b><br>6.35 ±0.20                                                                                                                                                                                         |
| <b>Transmission Wavelength (nm):</b><br>532                                                                                                                                                                                  |
| <b>Type:</b><br>Harmonic Beamsplitter                                                                                                                                                                                        |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>Surface 1:<br>2.5 J/cm <sup>2</sup> @ 355nm, 20ns, 20Hz<br>5 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz<br>Surface 2:<br>10 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 209:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |