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TECHSPEC® 25.4mm Dia., 532 & 1064nm T, 266nm R 45° Harmonic Separator



TECHSPEC Nd:YAG Harmonic Separators

Stock #11-546 [CONTACT US](#)



1



€337,00

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Qty 1-5

€337,00

Qty 6+

€303,00

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Angle of Incidence (°):  
45

Clear Aperture (%):  
>90

Coating Specification:  
Surface 1: R<sub>abs</sub>: >95% @ 266nm, T<sub>abs</sub>: >98% @  
532nm, T<sub>abs</sub>: >98% @ 1064nm

|                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surface 2: R <sub>abs</sub> : <1.0% @ 532nm, R <sub>abs</sub> <1.0% @ 1064nm                                                                                                                                                                                                                                            |
| <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>266                                                                                                                                                                                                                                                                               |
| <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, 1064                                                                                                                                                                                                                                                                       |
| <b>Type:</b><br>Harmonic Beamsplitter                                                                                                                                                                                                                                                                                   |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>Surface 1:<br>1 J/cm <sup>2</sup> @ 266nm, 20ns, 20Hz<br>5 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz<br>7.5 J/cm <sup>2</sup> @ 1064nm, 20ns, 20Hz<br>Surface 2:<br>10 J/cm <sup>2</sup> @ 20ns, 20Hz @ 532nm<br>15 J/cm <sup>2</sup> @ 20ns, 20Hz @ 1064nm |

## Regulatory Compliance

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