

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



TECHSPEC Nd:YAG Harmonic Separators

Stock **#37-717** **8 In Stock**

1 **MRP ₹30,469**

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹30,469 each
Qty 6-24	₹27,442 each
Qty 25-49	₹24,415 each
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**General**

Harmonic Beamsplitter **Type:**

**Physical & Mechanical Properties**

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

**Construction:**

Dichroic	
25.40 +0.00/-0.10	<b>Diameter (mm):</b>
<3	<b>Parallelism (arcmin):</b>
6.35 ±0.20	<b>Thickness (mm):</b>

## Optical Properties

45	<b>Angle of Incidence (°):</b>
<b>Coating Specification:</b>	
Surface 1: R <sub>abs</sub> : >99% @ 532nm, T <sub>abs</sub> : >95% @ 355nm	
Surface 2: R <sub>abs</sub> : <0.5% @ 355nm	

532	<b>Reflection Wavelength (nm):</b>
<a href="#">Fused Silica</a> (Coming 7980)	<b>Substrate:</b> <input type="checkbox"/>

M10	<b>Surface Flatness (P-V):</b>
10-5	<b>Surface Quality:</b>

355	<b>Transmission Wavelength (nm):</b>
<b>Damage Threshold, Reference:</b> <input type="checkbox"/>	
Surface 1: 5 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz 2.5 J/cm <sup>2</sup> @ 355nm, 20ns, 20Hz	
Surface 2: 7.5 J/cm <sup>2</sup> @ 355nm, 20ns, 20Hz	

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">Compliant</a>	<b>Reach 209:</b>

<a href="#">View</a>	<b>Certificate of Conformance:</b>
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United States	<b>Country of Origin:</b>
<b>Imported By:</b>	
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	

## Product Details

- Used to Separate Nd:YAG Harmonic Wavelengths
  - Beamsplitter Coating Features >95% Transmission
  - M10 Fused Silica Substrate
- TECHSPEC® Nd:YAG Harmonic Separators are used to separate the common harmonic wavelengths of an Nd:YAG laser. A beamsplitter coating on the first surface reflects at least one wavelength and transmits another. The second surface of the beamsplitter features an anti-reflective coating to minimize the loss due to reflection. TECHSPEC Nd:YAG Harmonic Separators are available in 45° and 0° angle of incidence options. These harmonic separators are available in multiple wavelength configurations for optimal flexibility in system design.
- Note:** The Damage Threshold values we publish for this family of products were all tested independently from one another. When using these products with more than 1 incident beam, the resulting Damage Threshold of the system will be negatively impacted.

## Compatible Mounts