

TECHSPEC® 12.7mm Dia., 532 & 1064nm T, 266nm R 45° Harmonic Separator



TECHSPEC Nd:YAG Harmonic Separators

Stock **#11-545** 3-4 DAYS

⊖ 1 ⊕

€260,00

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Qty 1-5

€260,00

Qty 6+

€234,00

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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Angle of Incidence (°):
45

Clear Aperture (%):
>90

Coating Specification:
Surface 1: R_{abs}: >95% @ 266nm, T_{abs}: >98% @ 532nm, T_{abs}: >98% @ 1064nm

Surface 2: R _{abs} : <1.0% @ 532nm, R _{abs} <1.0% @ 1064nm
Construction: Dichroic
Diameter (mm): 12.70 +0.00/-0.10
Parallelism (arcmin): <3
Reflection Wavelength (nm): 266
Substrate: ☐ Fused Silica (Corning 7980)
Surface Flatness (P-V): λ/10
Surface Quality: 10-5
Thickness (mm): 6.35 ±0.20
Transmission Wavelength (nm): 532, 1064
Type: Harmonic Beamsplitter
Damage Threshold, By Design: ☐ Surface 1: 1 J/cm ² @ 266nm, 20ns, 20Hz 5 J/cm ² @ 532nm, 20ns, 20Hz 7.5 J/cm ² @ 1064nm, 20ns, 20Hz Surface 2: 10 J/cm ² @ 20ns, 20Hz @ 532nm 15 J/cm ² @ 20ns, 20Hz @ 1064nm

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View