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TECHSPEC® 12.7mm Dia., 532 & 1064nm T, 355nm R 45° Harmonic Separator



TECHSPEC Nd:YAG Harmonic Separators

Stock **#38-779** ☐ In Stock



1



C\$280.00

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Qty 1-5

C\$280.00

Qty 6+

C\$252.00

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Angle of Incidence (°):

45

Clear Aperture (%):

>85

Coating Specification:

Surface 1: R_{abs}: >99% @ 355nm, T_{abs}: >95% @ 532,

1064nm

Surface 2: R_{abs}: <0.75% @ 532, 1064nm

Construction: Dichroic
Diameter (mm): 12.70 +0.00/-0.10
Parallelism (arcmin): <3
Reflection Wavelength (nm): 355
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: 2.5 J/cm ² @ 355nm, 20ns, 20Hz 5 J/cm ² @ 532nm, 20ns, 20Hz 7.5 J/cm ² @ 1064nm, 20ns, 20Hz Surface 2: 15 J/cm ² @ 1064nm, 20ns, 20Hz 10 J/cm ² @ 532nm, 20ns, 20Hz

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View