

TECHSPEC® 480nm, 12.5mm Diameter, Dichroic Laser Beam Combiner



TECHSPEC® Dichroic Laser Beam Combiners

Stock **#86-384** ☐ In Stock



1



C\$274.40

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Diameter (mm):
12.50 +0.0/-0.1

Angle of Incidence (°):
45

Clear Aperture CA (mm):
8.8

Cut-On Wavelength (nm): 480.00
Substrate:  Fused Silica (Coming 7980)
Coating: Hard Coated
Reflected Laser Wavelength (nm): 457.9, 473
Reflection (%): >98
Reflection Wavelength (nm): 457.9 - 473
Surface Quality: 60-40
Transmission (%): >95
Transmission Wavelength (nm): 488 - 647.1
Transmitted Laser Wavelength (nm): 488, 514.5, 532, 543.5, 561.4, 568.2, 594.1, 632.8, 635, 647.1
Type: Dichroic Filter
Construction: Mounted in Black Anodized Ring
Transmitted Wavefront, RMS: <1λ
Environmental Durability: Humidity per ML-STD-810H, Section 507.6 Temperature per ML-STD-810H, Section 501.7 and 502.7
Physical Durability: Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2
Mount Thickness (mm): 3.5 ±0.1
Wavelength Range (nm): 458 - 647
Substrate Thickness (mm): 2

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 240: Compliant