

TECHSPEC® 659nm, 50mm Diameter, Dichroic Laser Beam Combiner



TECHSPEC® Dichroic Laser Beam Combiners

Stock **#86-402** ☐ **In Stock**

-

1

+

C\$922.60

ADD TO CART

Qty 1-5

C\$922.60

Qty 6+

C\$725.20

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
50.00 +0.0/-0.1

Angle of Incidence (°):
45

Clear Aperture CA (mm):
45.3

Cut-On Wavelength (nm): 659.00
Substrate:  Fused Silica (Coming 7980)
Coating: Hard Coated
Reflected Laser Wavelength (nm): 632.8, 635, 647.1
Reflection (%): >98
Reflection Wavelength (nm): 632.8 - 647.1
Surface Quality: 60-40
Transmission (%): >95
Transmission Wavelength (nm): 671 - 790
Transmitted Laser Wavelength (nm): 671, 676.4, 785
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 ML-PRF-13830B, Section C.4.5.12 Moderate abrasion per ML-PRF-13830B, Section C.4.5.11 Cleaning per ML-C-48497A Section 4.5.4.2
Mount Thickness (mm): 3.5 ±0.1
Wavelength Range (nm): 633 - 790
Substrate Thickness (mm): 2

Regulatory Compliance

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