

12.7mm 5°, 800nm Highly-Dispersive Ultrafast Mirror

See More by [UltraFast Innovations \(UFI\)](#)



UltraFast Innovations (UFI) 800nm Highly-Dispersive Ultrafast Mirrors



Stock #12-330 10 TO 12 DAYS

⊖ 1 ⊕

₹34,191.00

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Type:
Laser Mirror

Wedge (arcmin):
10 ±5

Clear Aperture (%) 80
Back Surface: Commercial Polish
Reflection at DWL (%): >99.9% (typical, p-polarization)
Coating Specification: R_{avg} >99.8%, GDD = -1300 fs² @ 780 - 830nm (p-polarization) R_{abs} >99.9% @ 800nm (typical, p-polarization)
GDD Specification: -1300fs² @ 780 - 830nm
Wavelength Range (nm): 780 - 830
Irregularity (P-V) @ 632.8nm: λ/10
Coating Type: Dielectric
Coating: Ultrafast (780-830nm)
Design Wavelength DWL (nm): 800
Diameter (mm): 12.70 ±0.0/-0.1
Thickness (mm): 6.35 ±0.2
Angle of Incidence (°): 5
Substrate: ☐ Fused Silica (Corning 7980)
Damage Threshold, By Design: ☐ 0.3 J/cm² @ 800nm, 50fs, 1kHz, 100μm Beam Diameter

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant