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TECHSPEC® Excimer Laser Line Mirrors


- High Damage Threshold of up to 1.5 J/cm^2
- Low Loss Dielectric Coatings
- Designed for 193nm and 248nm Lasers

Common Specifications

General

Note:

Extended exposure to moisture can affect performance, please contact us for more specific handling instructions.

Physical & Mechanical Properties

Parallelism (arcmin): <3

Clear Aperture (%): >90

Back Surface: Ground

Optical Properties

Surface Quality: 10-5

Surface Flatness (P-V): $\lambda/10$
Coating Type: Dielectric

Angle of Incidence (°): 45

Substrate: [Fused Silica](#) (Corning 7980)

Damage Threshold, By Design: $1.5 \text{ J/cm}^2 @ 10\text{ns}$

Technical Information

Products

DWL (nm)	Dia. (mm)	Thickness (mm)	AOI (°)	Stock Number	Price	Buy
193	12.50	6.00	45	#47-982	€275,00 Qty 6+ €240,00	In Stock
193	25.00	6.00	45	#47-983	€325,00 Qty 6+ €285,00	In Stock
193	50.00	10.00	45	#48-931	€390,00 Qty 6+ €340,00	3-4 days
248	12.50	6.00	45	#47-984	€210,00 Qty 6+ €185,00	3-4 days
248	25.00	6.00	45	#47-985	€250,00 Qty 6+ €220,00	In Stock
248	50.00	10.00	45	#63-120	€355,00 Qty 6+ €315,00	In Stock



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