

[All Products](#) / [Laser Optics](#) / [Laser Mirrors](#) / [Laser Line Mirrors](#)

TECHSPEC® Fiber Laser Mirrors



- Designed for Common Fiber Lasers
- >99.2% Reflectivity From 1030nm to 1090nm
- High Damage Thresholds

Common Specifications

Physical & Mechanical Properties

Parallelism (arcmin):	<3	Clear Aperture (%):	>90
Back Surface:	Ground		

Optical Properties

Surface Quality:	10-5		
Reflection at DWL (%):	99.2	Coating Specification:	R _{abs} >99.2% @ 1030 - 1090nm
Wavelength Range (nm):	1030 - 1090	Surface Flatness (P-V):	λ/10
Coating Type:	Dielectric	Coating:	Dielectric Mirror (1030-1090nm)
Design Wavelength DWL (nm):	1064	Angle of Incidence (°):	45
Substrate:	Fused Silica (Corning 7980)	Damage Threshold, Reference:	20 J/cm ² @ 1064nm, 20ns, 20Hz

Technical Information

Products

Wavelength Range (nm)	DWL (nm)	Dia. (mm)	Thickness (mm)	AOI (°)	Stock Number	Price	Buy
1030 - 1090	1064	12.50	6.00	45	#34-279	£153.21 Volume Pricing	2 In Stock
1030 - 1090	1064	25.00	6.00	45	#34-280	£179.48 Volume Pricing	3 In Stock
1030 - 1090	1064	50.00	10.00	45	#34-281	£275.78 Volume Pricing	Contact Us



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