

For current pricing, please see our website.

CHAPTERS

- Laser Scanning Microscopy
- Microscopy Components
- OCT Imaging Systems

OCT Components

Adaptive Optics

SECTIONS

- Light Source
- Balanced Detectors
- Interferometers
- Fiber Components
- Polarization Controller
- Scanning Mirrors

Optics

Resolution Targets

Dispersion Compensators for LSM Scan Lenses



LSM02DC



LSM03DC



LSM04DC



LSM05DC

Features

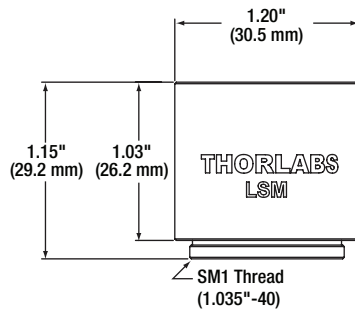
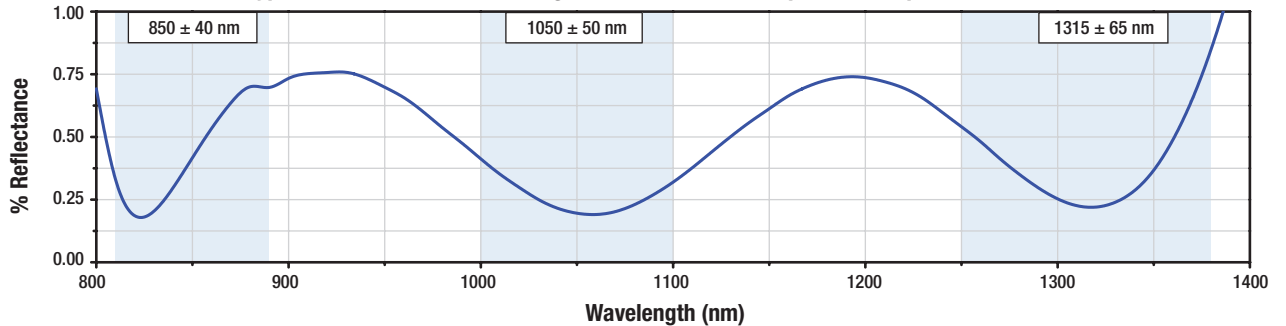
- Good Dispersion Compensation up to Second Order
- AR Coated: 800 – 1400 nm*
- Mounted in an Engraved SM1 Series Lens Tube

*Thorlabs also offers a Dispersion Compensator AR Coated for the 400 – 700 nm Range (See Page 959).

NEW
versions

Thorlabs' dispersion compensators are single glass compensation blocks whose glass type and thickness were chosen to match the dispersion of the LSM scan lenses. Each compensator is mounted in an engraved 1" long SM1-threaded lens tube and AR coated for the 800 nm to 1400 nm wavelength range (see graph below).

Typical Reflectance of AR Coating on LSMxxDC Series Dispersion Compensators



ITEM #	LSM02DC	LSM03DC	LSM04DC	LSM05DC
Material	N-SF8	N-SK4	N-BAK1	H-ZF7LA
Wavelength Range	800 – 1400 nm			
Diameter	1" (25.4 mm)			
Clear Aperture	22.8 mm			
Surface Quality	40-20 Scratch-Dig			
Wavefront Error	$\lambda/4$			
Thickness Tolerance	± 0.1 mm			
Diameter Tolerance	$+0/-0.2$ mm			

ITEM #	\$	£	€	RMB	DESCRIPTION
LSM02DC	\$ 98.00	£ 70.56	€ 85,26	¥ 781.06	Dispersion Compensating Mirror for LSM02 Scan Lens
LSM03DC	\$ 98.00	£ 70.56	€ 85,26	¥ 781.06	Dispersion Compensating Mirror for LSM03 Scan Lens
LSM04DC	\$ 98.00	£ 70.56	€ 85,26	¥ 781.06	Dispersion Compensating Mirror for LSM04 Scan Lens
LSM05DC	\$ 98.00	£ 70.56	€ 85,26	¥ 781.06	Dispersion Compensating Mirror for LSM05 Scan Lens

NEW