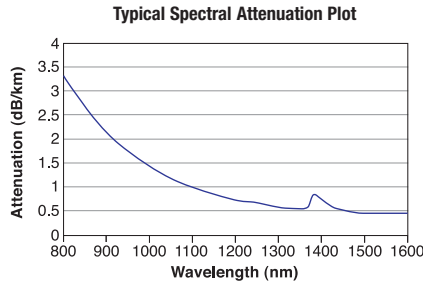


0.275 NA, 62.5 μm Core, Graded-Index MM Fiber

PARAMETER	GIF625
Core Diameter	62.5 ± 3 μm
Cladding Diameter	125 ± 2 μm
Coating Diameter	245 ± 10 μm
Core-Clad Offset	<3 μm
Coating Material	-
Operating Temperature	-60 to 85 °C
Operating Wavelength	800 - 1350 nm
Numerical Aperture	0.275 ± 0.015
Attenuation	2.7 to 3.2 dB/km @ 850 nm 0.6 to 0.9 dB/km @ 1300 nm
Bandwidth	160 to 400 MHz-km @ 850 nm 300 to 1200 MHz-km @ 1300 nm



Suggested Stripping Tool - T08S13 (See Page 862)

62.5 μm Core Patch Cables

- Shipped from Stock
- FC/PC Connectors on Both Ends
- Lengths from 1 to 10 m

See Page 851

62.5 μm Core, Sold by the Meter

ITEM#	PRICE/m	\$	£	€	RMB
GIF625	1 to 199 m	\$ 2.15	£ 1.50	€ 1.90	¥ 18.20
	200 to 499 m	\$ 1.10	£ 0.75	€ 1.00	¥ 9.30
	500 m and Up	\$ 0.55	£ 0.40	€ 0.50	¥ 4.70

62.5 μm Core, Sold by the Spool

ITEM#	L	\$	£	€	RMB	DESCRIPTION
GIF625-10	10 m	\$ 12.32	£ 8.55	€ 11.00	¥ 104.10	62.5 μm Core, 0.275 NA, GI Fiber, 10 m Spool
GIF625-100	100 m	\$ 72.11	£ 50.00	€ 64.10	¥ 609.00	62.5 μm Core, 0.275 NA, GI Fiber, 100 m Spool
GIF625-1000	1000 m	\$ 381.17	£ 264.30	€ 338.50	¥ 3,218.70	62.5 μm Core, 0.275 NA, GI Fiber, 1000 m Spool

0.275 NA, 62.5 μm Core, Graded-Index MM Fiber – High Temperature

Mechanical Specifications

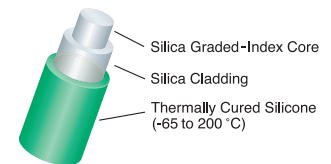
- Core Diameter: 62.5 ± 3 μm
- Cladding Diameter: 125 ± 2 μm
- Coating Diameter: 250 ± 20 μm
- Core-Clad Offset: <3 μm
- Coating Material: Thermally Cured Silicone
- Operating Temperature: -65 to 200 °C

Designed for High-Temperature and Harsh Environmental Applications

Optical Specifications

- Operating Wavelength: 800 - 1350 nm (Typical)
- Numerical Aperture: 0.275 ± 0.015
- Attenuation: ≥ 3.0 dB/km @ 850 nm
≥ 0.9 dB/km @ 1300 nm
- Bandwidth: ≥ 160 MHz-km @ 850 nm
≥ 500 MHz-km @ 1300 nm

Silica Clad / Silica Core Fiber



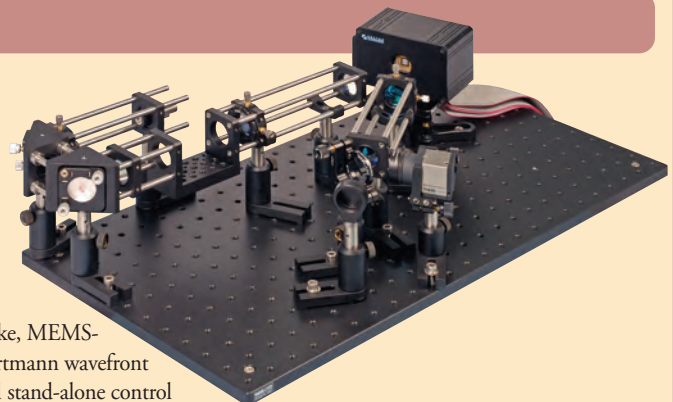
ITEM#	PRICE/m	\$	£	€	RMB
GIF625HT	1 to 9 m	\$ 8.30	£ 5.75	€ 7.40	¥ 70.10
	10 to 49 m	\$ 6.65	£ 4.60	€ 5.90	¥ 56.20
	50 to 249 m	\$ 5.80	£ 4.00	€ 5.15	¥ 49.00
	250 and up	Call	Call	Call	Call

Suggested Stripping Tool - T08S13 (See page 862)

Adaptive Optics Kits

- Out-of-the-Box Functionality for Real-Time, High-Precision Wavefront Control
- MEMS-Based DM Achieves High Spatial Resolution
- Shack-Hartmann Wavefront Sensor with High Resolution CCD Camera and Microlens Array

Thorlabs' new Adaptive Optics (AO) Kits remove the barrier for entry into adaptive optics, making this real-time wavefront-correcting technology accessible to researchers and OEM users alike. The kit includes Boston Micromachines Corporation's state-of-the-art, 140-element, 3.5 micron stroke, MEMS-based deformable mirror. Also included is a Thorlabs' WFS150C Shack-Hartmann wavefront sensor, all necessary imaging optics and mounting hardware, fully functional stand-alone control software for immediate control of the system, and a low-level support library to assist with tailored applications authored by the end user.



See Page 1408-1411