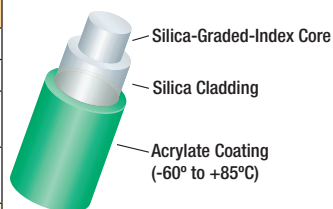
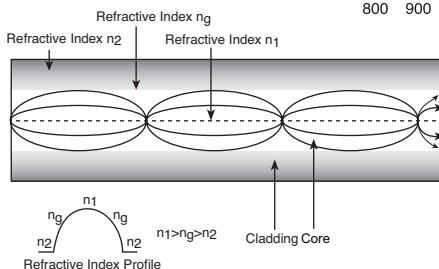
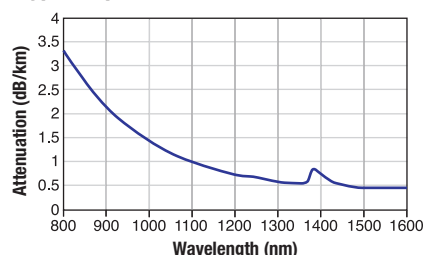


## 0.275 NA Graded-Index MM Fiber, 62.5 μm Core

PRODUCT SPECIFICATIONS	
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
Key Geometric Specifications	
	<b>GIF625</b>
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



Typical Spectral Attenuation Plot for GIF625



Suggested Stripping Tool - T08S13  
(See Page XXX)

### Ø62.5 μm Core, Sold by the Meter

ITEM #	PRICE/m	\$	£	€	RMB
GIF625	1 to 199 m	\$ 2.15	£ 1.55	€ 1.88	¥ 17.14
	200 to 499 m	\$ 1.08	£ 0.78	€ 0.94	¥ 8.57
	500 to 999 m	\$ 0.54	£ 0.39	€ 0.47	¥ 4.29

Popular Compatible Connectors  
(See Pages XXX - XXX)

SMA	FC/PC
10125A	30128E2

### Ø62.5 μm Core, Sold by the Spool

ITEM #	L	\$	£	€	RMB	DESCRIPTION
GIF625-10	10 m	\$ 12.32	£ 8.87	€ 10.72	¥ 98.19	62.5 μm Core, 0.275 NA, GI Fiber, 10 m Spool
GIF625-100	100 m	\$ 72.11	£ 51.92	€ 62.74	¥ 574.72	62.5 μm Core, 0.275 NA, GI Fiber, 100 m Spool
GIF625-1000	1000 m	\$ 381.17	£ 274.44	€ 331.62	¥ 3,037.92	62.5 μm Core, 0.275 NA, GI Fiber, 1000 m Spool

## 0.10 NA High-Power, Step-Index MM Fibers

### Features

- Ideal for High-Power, High-Performance Laser Transmission up to 350 Watts CW
- Long Operation without Photodarkening in the UV Range
- Undoped, Pure Silica Core, Fluorine-Doped Cladding

HPSC fiber is specifically designed for high power applications such as laser-projection-based technologies as well as advanced sensing applications. These fibers provide ultra-high stability during high-power laser transmission.

The fiber is protected with an enhanced coating material that guarantees long-term performance and reliability. The dual-layer acrylate material is easy to use and easy to strip, thereby leaving no residue. This fiber is manufactured utilizing an MCVD process, which yields an ultra-pure core region. Due to this, impurities that cause photodarkening are not present. Structural defects can also cause photodarkening, but these are kept low through a high-quality manufacturing process.

PRODUCT SPECIFICATIONS		
Operating Wavelength	280 to 750 nm	
Numerical Aperture	0.100 ± 0.015	
Attenuation at 600 nm	≤20 dB/km	
CW Damage Threshold (@ 1064 nm)	350 W	
Pulsed Damage Threshold (10 ns Pulse @ 1064 nm)	2.3 kW Peak Pulsed Power (30 W/μm <sup>2</sup> )	
Core Index of Refraction (@ 633 nm)	1.4570	
Cladding Index of Refraction (@ 633 nm)	1.4537	
Time for Transmission to Drop 90%*	>5 hrs	
Key Geometric Specifications		
	<b>HPSC10</b>	<b>HPSC25</b>
Core Diameter	10.0 ± 3.0 μm	25.0 ± 3.0 μm
Cladding Diameter	125.0 ± 2.0 μm	
Coating Diameter	245.0 ± 10 μm	
Core/Clad Concentricity	<1.0 μm	
Coating	Two-Layer Acrylate	
Operating Temperature	-60 to 85 °C	
Proof Test	100 kpsi	

\*The amount of time it takes for the transmitted power to drop to 90% of the initial transmitted power if 1.0 W of input is used at 446 nm. Note: this drop is permanent.

Popular Compatible Connectors  
(See Pages XXX - XXX)

SMA	FC/PC
10125A	30128E2

### HPSC10, Ø10 μm Core

PRICE/m	\$	£	€	RMB
1 to 9 m	\$ 21.50	£ 15.48	€ 18.71	¥ 171.36
10 to 49 m	\$ 20.43	£ 14.71	€ 17.77	¥ 162.79
50 to 249 m	\$ 18.71	£ 13.47	€ 16.28	¥ 149.08

### HPSC25, Ø25 μm Core

PRICE/m	\$	£	€	RMB
1 to 9 m	\$ 33.74	£ 24.30	€ 29.36	¥ 268.91
10 to 49 m	\$ 32.05	£ 23.08	€ 27.89	¥ 255.47
50 to 249 m	\$ 29.35	£ 21.14	€ 25.54	¥ 233.95

Have you seen our...

Graded-Index Patch Cables



See page XXX