

For current pricing, please see our website.

CHAPTERS

Fiber Patch Cables

Bare Fiber

Fiber Optomechanics

Fiber Components

Test and Measurement

SECTIONS

SM Fiber

PM Fiber

Doped Fiber

PCF

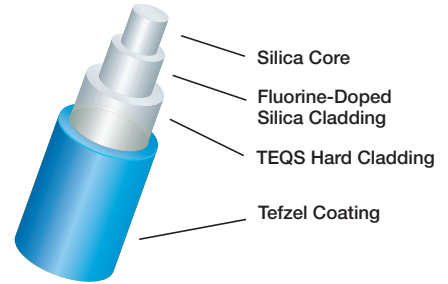
MM Fiber

Plastic Optical Fiber

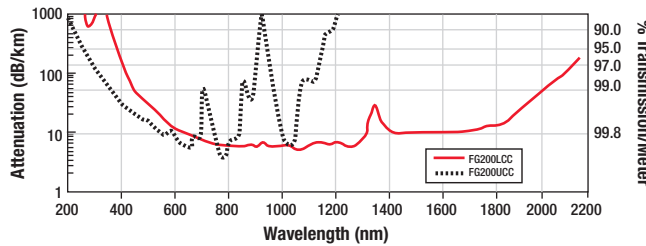
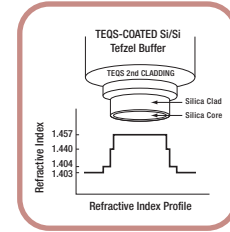
0.22 NA Step-Index MM Fibers, TEQS™ Coated Silica/Silica

Features of Silica/Silica Fiber Construction

- Stability of Silica Cladding Allows for High-Power Handling Capability
- Low-Index Fluorine-Doped Silica Cladding Design Provides Superior UV and NIR Transmission
- Secondary Hard Cladding (TEQS) Provides a Dual-Waveguide Design, Resulting in Improved Bend Performance
- Strong Bonding of Silica to (TEQS) Cladding Prevents Pistoning and Provides More Stable Terminations
- Shipped from Stock, No Minimum
- TEQS Cladding is Removable with Acetone



NEW versions



Popular Compatible Connectors (See Pages 1142 - 1143)

FIBER	SMA	FC/PC
FG200	10270A	30126G2-270
FG365	10440A	30126G2-440
FG550	10640A	30126G2-640
FG910	11050A	30126G2-1050

Visible-to-NIR Transmission (Low OH)

ITEM #	CORE DIAMETER	CLADDING DIAMETER	BUFFER DIAMETER	COATING DIAMETER	NA	MAXIMUM POWER CAPABILITY		MAX CORE OFFSET	BEND RADIUS SHORT-TERM/ LONG-TERM	STRIPPING TOOL See Page 1154
						PULSED ^a	CW ^b			
FG200LCC	200 ± 8 μm	240 ± 5 μm	260 ± 6 μm	400 ± 30 μm	0.22 ± 0.02	1.0 MW	0.2 kW	5 μm	9 mm / 18 mm	T12S18
FG365LEC	365 ± 14 μm	400 ± 8 μm	425 ± 10 μm	730 ± 30 μm	0.22 ± 0.02	3.4 MW	0.7 kW	7 μm	20 mm / 40 mm	T21S31
FG550LEC	550 ± 19 μm	600 ± 10 μm	630 ± 10 μm	1040 ± 30 μm	0.22 ± 0.02	7.6 MW	1.5 kW	9 μm	30 mm / 60 mm	T28S46
NEW FG910LEC	910 ± 30 μm	1000 ± 15 μm	1035 ± 15 μm	1400 ± 50 μm	0.22 ± 0.02	25.1 MW	5.0 kW	10 μm	50 mm / 100 mm	M44S67

^aBased on 5 GW/cm² for 1064 nm Nd:YAG laser with 10 ns pulse length and input spot size equal to 80% of the core diameter

^bBased on 1 MW/cm² for 1064 nm Nd:YAG laser and input spot size equal to 80% of the core diameter

ITEM #*	\$**			£**			€**			RMB**		
	1-9 m	10-49 m	50-249 m	1-9 m	10-49 m	50-249 m	1-9 m	10-49 m	50-249 m	1-9 m	10-49 m	50-249 m
FG200LCC	\$ 7.70	\$ 6.55	\$ 5.39	£ 5.55	£ 4.72	£ 3.89	€ 6.70	€ 5.70	€ 4.69	¥ 61.37	¥ 52.17	¥ 42.96
FG365LEC	\$ 16.05	\$ 13.64	\$ 11.24	£ 11.56	£ 9.83	£ 8.09	€ 13.97	€ 11.87	€ 9.78	¥ 127.92	¥ 108.74	¥ 89.55
FG550LEC	\$ 38.70	\$ 32.90	\$ 27.09	£ 27.87	£ 23.69	£ 19.51	€ 33.67	€ 28.62	€ 23.57	¥ 308.44	¥ 262.18	¥ 215.91
NEW FG910LEC	\$ 92.70	\$ 78.80	\$ 64.89	£ 66.75	£ 56.74	£ 46.73	€ 80.65	€ 68.56	€ 56.46	¥ 738.82	¥ 628.00	¥ 517.18

*Call for Quantities Over 250 m

**Prices are given per meter

UV-to-Visible Transmission (High OH)

ITEM #	CORE DIAMETER	CLADDING DIAMETER	BUFFER DIAMETER	COATING DIAMETER	NA	MAXIMUM POWER CAPABILITY		MAX CORE OFFSET	BEND RADIUS SHORT-TERM/ LONG-TERM	STRIPPING TOOL See Page 1154
						PULSED	CW			
FG200UCC	200 ± 8 μm	240 ± 5 μm	260 ± 6 μm	400 ± 30 μm	0.22 ± 0.02	1.0 MW	0.2 kW	5 μm	9 mm / 18 mm	T12S18
FG365UEC	365 ± 14 μm	400 ± 8 μm	425 ± 10 μm	730 ± 30 μm	0.22 ± 0.02	3.4 MW	0.7 kW	7 μm	12 mm / 24 mm	T21S31
FG550UEC	550 ± 19 μm	600 ± 10 μm	630 ± 10 μm	1040 ± 10 μm	0.22 ± 0.02	7.6 MW	1.5 kW	9 μm	25 mm / 50 mm	T28S46
NEW FG910UEC	910 ± 30 μm	1000 ± 15 μm	1035 ± 15 μm	1400 ± 50 μm	0.22 ± 0.02	25.1 MW	5.0 kW	10 μm	50 mm / 100 mm	M44S67

ITEM #*	\$**			£**			€**			RMB**		
	1-9 m	10-49 m	50-249 m	1-9 m	10-49 m	50-249 m	1-9 m	10-49 m	50-249 m	1-9 m	10-49 m	50-249 m
FG200UCC	\$ 7.70	\$ 6.55	\$ 5.39	£ 5.55	£ 4.72	£ 3.89	€ 6.70	€ 5.70	€ 4.69	¥ 61.37	¥ 52.17	¥ 42.96
FG365UEC	\$ 14.70	\$ 12.50	\$ 10.29	£ 10.59	£ 9.00	£ 7.41	€ 12.79	€ 10.88	€ 8.96	¥ 117.16	¥ 99.59	¥ 82.02
FG550UEC	\$ 35.20	\$ 29.92	\$ 24.64	£ 25.35	£ 21.55	£ 17.75	€ 30.63	€ 26.04	€ 21.44	¥ 280.55	¥ 238.47	¥ 196.39
NEW FG910UEC	\$ 84.50	\$ 71.83	\$ 59.15	£ 60.84	£ 51.72	£ 42.59	€ 73.52	€ 62.49	€ 51.47	¥ 673.47	¥ 572.45	¥ 471.43

*Call for Quantities Over 250 m

**Prices are given per meter