

Selection Guide

Graded-Index Fiber

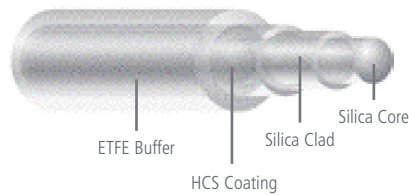
Multimode



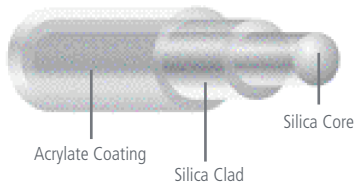
Fiber	Core/Clad/ Buffer Diameter	Attenuation @ 850/1300	Coating or Buffer Type	Operating Temperature	NA	Short/ Long-Term Bend Radius	Part #	Page #
50 μ m Graded-Index HCS [®]	50/200/500 μ m	<2.8/1.0 dB/km	ETFE	-65 to +125°C	0.20	>10/16	F16496	34
62.5 μ m Graded-Index HCS	62.5/200/500 μ m	<3.5/1.2 dB/km	ETFE	-65 to +125°C	0.275	>10/16	F14404	34
50/125 Acrylate	50/125/245 μ m	\leq 2.3/0.6 dB/km	Dual UV Acrylate	-60 to +85°C	0.20	\geq 10/17	BF04430-01	37
50/125 Hermetic PYROCOAT [®]	50/125/155 μ m	\leq 4/2 dB/km	Hermetic/ PYROCOAT	-65 to +300°C	0.20	\geq 8/10	BF05781	36
Geo50 [™]	50/125/155 μ m	\leq 4/2 dB/km	Hermetic PYROCOAT	-65 to +300°C	0.20	\geq 10/17	F13469	38
Geo50 SA	50/125/250 μ m	\leq 4/2 dB/km	High- Temperature Acrylate	-45 to +125°C	0.20	>9/15	F18961-02	38
50/125 PYROCOAT	50/125/155 μ m	\leq 3.2/1.2 dB/km	PYROCOAT	-65 to +300°C	0.20	\geq 10/17	BF04433	36
62.5/125 Acrylate	62.5/125/245 μ m	\leq 2.9/0.6 dB/km	Dual UV Acrylate	-60 to +85°C	0.275	\geq 10/17	BF04431-01	37
62.5 PYROCOAT	62.5/125/155 μ m	\leq 3.5/1.5 dB/km	PYROCOAT	-65 to +300°C	0.275	\geq 10/17	BF04434	37

Fiber	Core/Clad/ Buffer Diameter	Attenuation @ 850/1300	Coating or Buffer Type	Operating Temperature	NA	Short/ Long-Term Bend Radius	Part #	Page #
100/140 - 250	100/140/250 μm	$\leq 4.0/1.5$ dB/km	Dual UV Acrylate	-40 to +85°C	0.29	$\geq 11/19$	BF04432-01	40
100/140 - 500	100/140/500 μm	$\leq 4.0/1.5$ dB/km	Dual UV Acrylate	-40 to +85°C	0.29	$\geq 11/19$	BF04432-02	40
100/140 High-Temp	100/140/170 μm	$\leq 5.0/3.0$ dB/km	PYROCOAT	-65 to +300°C	0.29	$\geq 11/19$	BF04436	40
100/140 Unbuffered FlightGuide®	100/140/171.5 μm	$\leq 5.0/3.0$ dB/km	Hermetic/ PYROCOAT	-65 to +300°C	0.29	$\geq 5/6$	BF05202	41
100/140 Buffered FlightGuide	100/140/171.5/450/900 μm	$\leq 5.0/3.0$ dB/km	Hermetic/ PYROCOAT/ Silicone/ETFE	-55 to +150°C	0.29	$\geq 5/6$	BF04673	41

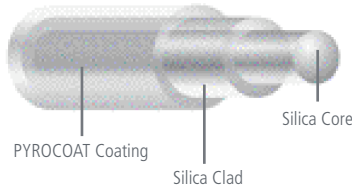
Graded-Index HCS Fiber



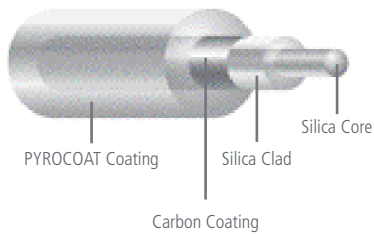
Acrylate Fiber



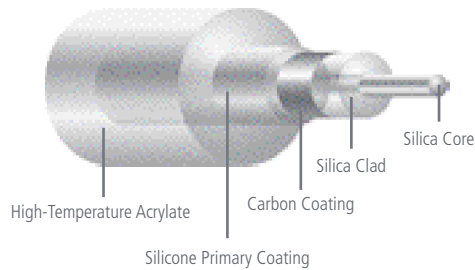
High Temperature Fiber



High-Temperature Hermetic



Carbon-Silicone-Acrylate Fiber



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10-0301

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