

Specialty Multimode Step-Index Fiber



Leading Optical Innovations

0.43 NA HCS MM Step-Index Fibers

Fiber Description	Core/Clad/Buffer Diameter	Attenuation @ 850 nm	Buffer Type	Operating Temperature	Short/Long-Term Bend Radius	Part Number
HCS High NA 200 FW	200/230/500 μm	≤6 dB/km	ETFE	-65 to +125 °C	≥10/16 mm	CF05578-01
HCS High NA 400 FW	400/430/730 μm	≤8 dB/km	ETFE	-65 to +125 °C	≥29/47 mm	CF05578-03

0.37 NA HCS MM Step-Index Fibers

Fiber Description	Core/Clad/Buffer Diameter	Attenuation @ 850 nm	Buffer Type	Operating Temperature	Short/Long-Term Bend Radius	Part Number
HCS 37 Low OH 125	125/140/250 μm	≤12 dB/km	ETFE	-65 to +125 °C	≥9/15 mm	CF01493-09
HCS 37 Low OH 200 FW	200/230/500 μm	≤6 dB/km	ETFE	-65 to +125 °C	≥10/16 mm	CF01493-10
HCS 37 Low OH 300	300/330/650 μm	≤8 dB/km	ETFE	-65 to +125 °C	≥15/24 mm	CF01493-11
HCS 37 Low OH 400 FW	400/430/730 μm	≤8 dB/km	ETFE	-65 to +125 °C	≥29/47 mm	CF01493-12
HCS 37 Low OH 600	600/630/1040 μm	≤8 dB/km	ETFE	-65 to +125 °C	≥58/94 mm	CF01493-14
HCS 37 Low OH 800	800/830/1040 μm	≤8 dB/km	ETFE	-65 to +125 °C	≥73/118 mm	CF01493-65
HCS 37 Low OH 1000	1000/1035/1400 μm	≤8 dB/km	ETFE	-65 to +125 °C	≥73/118 mm	CF01493-15
HCS 37 Low OH 1500	1500/1535/2000 μm	≤15 dB/km	ETFE	-65 to +125 °C	≥182/295 mm*	CF01493-62

Fiber Description	Core/Clad/Buffer Diameter	Attenuation @ 820 nm	Buffer Type	Operating Temperature	Short/Long-Term Bend Radius	Part Number
HCS 37 High OH 200 FW	200/230/500 μm	≤12 dB/km	ETFE	-65 to +125 °C	≥10/16 mm	CF01493-18
HCS 37 High OH 300	300/330/650 μm	≤12 dB/km	ETFE	-65 to +125 °C	≥15/24 mm	CF01493-19
HCS 37 High OH 400 FW	400/430/730 μm	≤12 dB/km	ETFE	-65 to +125 °C	≥29/47 mm	CF01493-20
HCS 37 High OH 600	600/630/1040 μm	≤12 dB/km	ETFE	-65 to +125 °C	≥58/94 mm	CF01493-22
HCS 37 High OH 800	800/830/1040 μm	≤12 dB/km	ETFE	-65 to +125 °C	≥73/118 mm	CF01493-60

* Statistically determined

0.29 NA All Silica MM Step-Index Fibers

Fiber Description	Core/Clad/Buffer Diameter	Attenuation @ 850 nm	Buffer Type	Operating Temperature	Short/Long-Term Bend Radius	Part Number
UltraSil 200	200/240/260/375 μm	≤17 dB/km	HCS/ETFE	-65 to +125°C	≥18/30 mm	BF04746 01
UltraSil 272 Blue	272/326/356/420 μm	≤17 dB/km	HCS/ETFE (Blue)	-65 to +125°C	≥16/26 mm	BF05246
UltraSil 330	330/400/430/730 μm	≤17 dB/km	HCS/ETFE	-65 to +125 °C	≥30/49 mm	BF04746 02
UltraSil 200 Pyro	200/240/270 μm	≤17 dB/km	PYROCOAT	-65 to +300 °C	≥18/30 mm	BF04830 01
UltraSil 320 Pyro	320/385/415 μm	≤17 dB/km	PYROCOAT	-65 to +300 °C	≥30/49 mm	BF04830 02



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