

Stock Single-Mode Fibers



Part Number	Operating Wavelength (nm)	Cut-Off (nm)	Mode Field (um)	Numerical Aperature	Attenuation (dB/km)	Coating	Manufacturer & Part Number
SM 320 S	320 - 450	<300	N/A	0.12	≤200 @ 320nm ≤70 @ 400nm	250um Acrylate	Stockeryale 320-K1
SM 460 N	450 - 600	430 ± 20	3.5 @ 515nm	0.13	<12 @ 630nm	250um Acrylate	Nuferm 460-HP
SM 630 N	600 - 770	570 ± 30	4.0 @ 630nm	0.13	<12 @ 630nm	250um Acrylate	Nuferm 630-HP
SM 780 N	780 - 970	730 ± 30	5.0 @ 850nm	0.13	<3.5 @ 850 nm	250um Acrylate	Nuferm 780-HP
SM 780 C	N/A	720 ± 50	4.6 @ 780nm 5.0 @ 850nm	0.14	4.3 @ 780nm 3.0 @ 850nm	250um Acrylate	Corning HI 780
SM 780 S BIF	780 - 850	700 ± 30	3.5 - 4.5 @ 780nm	0.16	≤5 @ 780nm	250um Acrylate	Stockeryale BIF-780-L2 Bend Insensitive
SM 980 C	N/A	930 ± 50	4.2 ± 0.3 @ 980nm	0.2	≤2.5 @ 980nm	250um Acrylate	Corning HI 980
SM 980 N	980 - 1600	920 ± 30	4.2 ± 0.5 @ 980nm 6.8 ± 0.5 @ 1550nm	0.2	≤3.5 @ 980nm	250um Acrylate	Nuferm 980-HP
SM 1060 HI	N/A	920 ± 50	5.9 @ 980nm 6.2 @ 1060nm 9.9 @ 1550nm	0.14	2.1 @ 980nm 1.5 @ 1060nm	250um Acrylate	Corning HI1060
SM 1060/3000 HI	980 - 1550	920 ± 50	5.9 @ 980nm 6.2 @ 1060nm 9.9 @ 1550nm	0.14	2.1 @ 980nm 1.5 @ 1060nm	3mm OD Red PVC Jacket	Corning HI1060
SM 1060 N	980 - 1600	920 ± 30	5.9 ± 0.5 @ 980nm 6.2 ± 0.5 @ 1060nm 9.9 ± 0.5 @ 1550nm	0.14	≤2.1 @ 980nm ≤1.5 @ 1060nm	250um Acrylate	Nuferm 1060-XP
SMF-28E-250	1310 - 1550	1260.00	9.2 @ 1310nm 10.4 @ 1550nm	0.14	0.35 @1310nm 0.20 @1550nm	250um Acrylate	Corning SMF-28E
SMF-28E-250-12	1310 - 1550	1260.00	9.2 @ 1310nm 10.4 @ 1550nm	0.14	0.35 @1310nm 0.20 @1550nm	250um Acrylate	Corning SMF-28E 12 Fiber Ribbon
SMF-28E-900	1310 - 1550	1260.00	9.2 @ 1310nm 10.4 @ 1550nm	0.14	0.35 @1310nm 0.20 @1550nm	900um Acrylate	Corning SMF-28E
SMF-28E-900-H	1310 - 1550	1260.00	9.2 @ 1310nm 10.4 @ 1550nm	0.14	0.35 @1310nm 0.20 @1550nm	900um Hytrel	Corning SMF-28E
SMF-28E-1600	1310 - 1550	1260.00	9.2 @ 1310nm 10.4 @ 1550nm	0.14	0.35 @1310nm 0.20 @1550nm	1.6mm OD PVC Jacket	Corning SMF-28E
SMF-28E-3000	1310 - 1550	1260.00	9.2 @ 1310nm 10.4 @ 1550nm	0.14	0.35 @1310nm 0.20 @1550nm	3mm OD PVC Jacket	Corning SMF-28E
SMF-28E-3000	1310 - 1550	1260.00	9.2 @ 1310nm 10.4 @ 1550nm	0.14	0.35 @1310nm 0.20 @1550nm	Plenum	Corning SMF-28E
SMF-28E-3000 D	1310 - 1550	1260.00	9.2 @ 1310nm 10.4 @ 1550nm	0.14	0.35 @1310nm 0.20 @1550nm	3mm Duplex	Corning SMF-28E
SMF-28LEAF-4700	1380 - 1650	1380 ± 3	9.6 ± 0.4 @ 1550nm	0.14	≤0.4 @ 1383nm ≤0.22 @ 1550nm ≤0.24 @ 1625nm	4.7mm OD Plenum Yellow, 6 Leaf Fibers	ADC
SMF-28E-6500	1310 - 1550	1260.00	9.2 @ 1310nm 10.4 @ 1550nm	0.13	0.5 @ 1310nm 0.5 @ 1550nm	6.5mm OD Polyurethane w/ 2, 2mm Subs	OCC

Stock PM Fibers



Part Number	Operating Wavelength (nm)	Cut-Off (nm)	Cross Talk (dB @ 4 m)	Mode Field (um)	Numerical Aperature	Attenuation (dB/km)	Coating	Manufacturer
HB450/250 F	488 - 514	350 - 470	N/A	3.6	0.12	< 100	250um Acrylate	Fibercore
PM 480/250	480.00	400-470	< -30	4 ± 1	0.12	< 50	250um Acrylate	Fujikura/Corning
PM 488/250	480 - 630	< 470	N/A	3.8	0.11	< 50	250um Acrylate	OZ Fiber
PM 630/250	630 - 780	570 ± 50	< -40	4.0 ± 0.5	0.12	≤12	250um Acrylate	Nufern
PM 780/250	780 - 980	710 ± 60	< -40	5.3 ± 1.0	0.12	≤4	250um Acrylate	Nufern
PM 850/400	810 - 980	650 - 800	< -30	5.5 ± 1	0.12	3.0	400um Acrylate	Fujikura/Corning
PM 980/250	980.00	900 ± 70	< -40	6.6 ± 1	0.12	≤3	250um Acrylate	Nufern
PM 980/250	980 - 1300	800 - 950	< -30	6.6 ± 1	0.12	2.5	250um Acrylate	Fujikura/Corning
PM 980/400	980 - 1300	800 - 950	< -30	6.6 ± 1	0.12	2.5	400um Acrylate	Fujikura/Corning
PM 980/3000	980 - 1300	<970	< -30	6.6 ± 1	0.12	2.5	3mm OD PVC Duplex Jacket	Fujikura/ADC
HB1250P/170 F	1300.00	1030 - 1270	N/A	7.9	0.16 ± 0.02	< 2	170um Polymide	Fibercore
PM 1300/400	1290 - 1550	1100 - 1290	< -30	9.5 ± 1	0.12	1.0	400um Acrylate	Fujikura/Corning
PM 1300/900H	1290 - 1550	1100 - 1290	< -30	9.5 ± 1	0.12	1.0	900um Hytrel	Fujikura/Corning
PM 1550/250 N	1460 - 1620	1370 ± 70	< -40	10.5 ± 0.8	0.12	≤1.0	250um Acrylate	Nufern PM 1550-HP
PM 1550/400	1460 - 1625	1290 - 1450	< -30	10.5 ± 1	0.12	0.5	400um Acrylate	Fujikura/Corning
PM 1550/900H	1460 - 1625	1290 - 1450	< -30	10.5 ± 1	0.12	0.5	900um Hytrel	Fujikura/Corning
PM 1550/250	1550.00	1290 - 1520	≤ -40	10.5 ± 0.5	N/A	<0.5	250um Acrylate	Yangtze Optical Fibre and Cable Company

Stock Multimode Graded Index Fibers



Part Number	Core (um)	Cladding (um)	Wavelength (nm)	Numerical Apperture	Data Rate	Attenuation (dB/km)	Jacket	Note	Manufacturer
MM 50/250	50.00	125.00	800 - 1600	0.20	400/400 MHz*km	≤2.4 @ 850nm ≤0.57 @ 1300nm	250um Acrylate	N/A	Corning
MM 50/250	50.00	125.00	800 - 1600	0.2 ± 0.015	500/500 MHz*km 1Gb/s ove 600m	≤2.4 @ 850nm ≤0.7 @ 1300nm	250um Acrylate	InfiniCor 600	Corning
MM 50/250	50.00	125.00	800 - 1600	0.2 ± 0.015	1500/500 MHz*km 10Gb/s over 300 m 1 Gb/s over 1000m	≤2.4 @ 850nm ≤0.7 @ 1300nm	250um Acrylate	SX+ Laser Optimized	Corning
MM 50/900	50.00	125.00	800 - 1600	0.2 ± 0.015	500/500 MHz*km 1Gb/s over 600 m	≤2.4 @ 850nm ≤0.7 @ 1300nm	900um Acrylate	InfiniCor 600	Corning
MM 50/1600	50.00	125.00	800 - 1600	0.2 ± 0.015	500/500 MHz*km 1Gb/s over 600 m	≤2.4 @ 850nm ≤0.7 @ 1300nm	1.6mm PVC	InfiniCor 600	Corning
MM 50/3000	50.00	125.00	800 - 1600	0.2 ± 0.015	500/500 MHz*km 1Gb/s over 600 m	≤2.4 @ 850nm ≤0.7 @ 1300nm	3mm PVC	InfiniCor 600	Corning
MM 50/6500	50.00	125.00	800 - 1600	0.20	600/600 MHz*km	3.5 @ 850nm 1.5 @ 1300nm	6.5mm OD Polyurethane	Qty 2, 2mm OD Subunits	OCC
MM 62.5/250	62.50	125.00	800 - 1600	0.275 ± 0.015	160/500 MHz*km	≤3.0 @ 850nm ≤0.7 @ 1300nm	250um Acrylate	N/A	Corning
MM 62.5/250	62.50	125.00	800 - 1600	0.275 ± 0.015	200/500 MHz*km 1Gb/s 300/550	≤2.9 @ 850nm ≤0.6 @ 1300nm	250um Acrylate	InfiniCor 300	Corning
MM 62.5/900	62.50	125.00	800 - 1600	0.275 ± 0.015	200/500 MHz*km 1Gb/s 300/550	≤2.9 @ 850nm ≤0.6 @ 1300nm	900um Acrylate	InfiniCor 300	Corning
MM 62.5/1600	62.50	125.00	800 - 1600	0.275 ± 0.015	200/500 MHz*km 1Gb/s 300/550	≤2.9 @ 850nm ≤0.6 @ 1300nm	1.6mm PVC	InfiniCor 300	Corning
MM 62.5/3000	62.50	125.00	800 - 1600	0.275 ± 0.015	200/500 MHz*km 1Gb/s 300/550	≤2.9 @ 850nm ≤0.6 @ 1300nm	3mm PVC	InfiniCor 300	Corning
MM 62.5/3000 D	62.50	125.00	800 - 1600	0.275 ± 0.015	200/500 MHz*km 1Gb/s 300/550	≤2.9 @ 850nm ≤0.6 @ 1300nm	3mm Duplex	InfiniCor 300	Corning
MM 62.5/3000 P	62.50	125.00	800 - 1600	0.275 ± 0.015	200/500 MHz*km 1Gb/s 300/550	≤2.9 @ 850nm ≤0.6 @ 1300nm	3mm Polyurethane	WEU, cant find it	OCC
MM 100/200	100.00	140.00	700 - 1500	0.29	100/100 MHz*km	≤4.0 @ 850nm ≤1.5 @ 1300nm	200um Polyimide	OFS BFO4436	OFS
MM 100/250	100.00	140.00	700 - 1500	0.29	100/100 MHz*km	≤4.0 @ 850nm ≤1.5 @ 1300nm	250um Acrylate	OFS BFO4432-01	OFS
MM 100/900	100.00	140.00	700 - 1500	0.29	100/100 MHz*km	≤4.0 @ 850nm ≤1.5 @ 1300nm	900um Acrylate	N/A	TLC
MM 100/3000	100.00	140.00	700 - 1500	0.29	100/100 MHz*km	≤4.0 @ 850nm ≤1.5 @ 1300nm	3mm PVC	N/A	TLC

Stock Multimode Step Index Fibers



Part Number	Core (um)	Cladding (um)	Wavelength (nm)	Numerical Apperture	OH	Cladding Material	Buffer	Manufacturer
MM 100H/125	100.00	110.00	180 - 900, 1000 - 1200	0.22	High	Fused Silica	Polyimide	Polymicro
MM 105L/125	105.00	125.00	400 - 2200	0.22	Low	Fused Silica	Acrylate	Fiberguide
MM 105L/125	105.00	125.00	400 - 2200	0.22	Low	Fused Silica	Acrylate/Nylon	CeramOptec
MM 105L/125	105.00	125.00	400 - 2200	0.15	Low	Fused Silica	Acrylate	OFS
MM 200H/220	200.00	220.00	180 - 900, 1000 - 1200	0.22	High	Fused Silica	Polyimide	Polymicro
MM 200L/220	200.00	220.00	400 - 2200	0.22	Low	Fused Silica	Polyimide	Fiberguide
BFL22-200	200.00	240.00	400 - 2200	0.22	Low	Polymer	N/A	Thor Labs
MM 300L/330	300.00	330.00	600 - 1900	0.22	Low	Fused Silica	Polyimide	Polymicro
MM 400L/440	400.00	440.00	600 - 1900	0.22	Low	Fused Silica	Polyimide	Polymicro
MM 400L/430	400.00	430.00	600 - 1100	0.37	Low	Polymer	N/A	Polymicro
MM 600H/630	600.00	630.00	400 - 900, 1000 - 1100	0.37	High	Polymer	N/A	Polymicro
MM 600H/660	600.00	660.00	180 - 900, 1000-1200	0.22	High	Fused Silica	Polyimide	Polymicro
MM 600L/660	600.00	660.00	600 - 1900	0.22	Low	Fused Silica	Polyimide	Polymicro
MM 800H/830	800.00	830.00	400 - 900, 1000 - 1100	0.37	High	Polymer	N/A	Polymicro
MM 800L/830	800.00	830.00	600 - 1100	0.37	Low	Polymer	N/A	Polymicro
MM 1000L/1035	1000.00	1035.00	600 - 1100	0.37	Low	Polymer	N/A	Polymicro

Furcation Tubing



Materials	OD	ID	Temperature Range (°C)	Colors	Note
PTFE	787 - 1066um	584 - 736um	-270 / +260	Clear	23G
PTFE	864um	508 - 660um	-270 / +260	Clear	24G
Hytrell	900um	500um	-40 / +125	Orange, Yellow, Green, Black, White, Opaque	
PVDF Kevlar	2mm	500um	-40 / +85	Purple	
PVC Simplex (Tight Buffer)	2mm	1.0mm	-20 / +80	Orange, Yellow	
PVC Polypropylene	3mm	500um	-40 / +85	Red, Orange	
PVC Kevlar	3mm	500um	-20 / +80	Blue	
PVC Simplex (Bare Fiber)	3mm	500um	-20 / +85	Aqua, Yellow	
PVC Simplex (Tight Buffer)	3mm	1.1mm	-20 / +80	Red, Yellow, Green, Rose, Brown, Silver	
PVC Polypropylene	3mm	1.1mm	-40 / +85	Blue	
Stainless Steel	2.9mm	1.5mm	-40 / +400	Steel	SL-SS-001 -- 1/16" Stainless SquareLok Tubing, Length in Feet
PVC Galvanized Steel	3.1mm	1.5mm	-20 / +80	Black	Monocoil Tubing, .122" OD, Galvanized Steel, PVC Jacket, Qty in feet.
Stainless Steel	6.5mm	3.5mm	-40 / +400	Steel	1/8 ID ISS 60698-250