

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

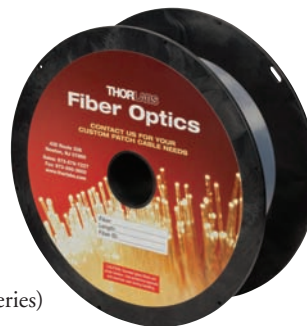
MM Fiber

Plastic Optical Fiber

Single Mode Fiber: 970 nm to 1650 nm

Features

- Shipped from Stock, No Minimums
- HI1060-J9 has Ø900 µm Tight Buffer Outer Jacket
- SM980-5.8-125 has a MFD Matched to Other Fibers Used in EDFA Pump Laser Pigtails
- 980HP Offers a Tight Second Mode Cutoff Tolerance
- SM980G80 Offers Enhanced Bend Insensitivity
- Recommended Stripping Tools (See Page 1154):
 - T04S10 (Ø80 µm Cladding)
 - T06S13 (Ø125 µm Cladding, Use T08S40 for HI1060 Series)



Do you need...
 SM980-5.8-125
 Patch Cables

 See pages 1006 - 1008

ITEM #	OPERATING WAVELENGTH	MODE FIELD DIAMETER ^b	CLADDING DIAMETER	COATING DIAMETER	CUTOFF WAVELENGTH	SHORT- (LONG-) TERM BEND RADIUS	ATTENUATION MAXIMUM	NA
SM980-5.8-125	970 - 1650 nm	5.8 µm @ 980 nm 6.2 µm @ 1064 nm 10.4 µm @ 1550 nm	125 ± 1 µm	245 µm ± 5%	870 - 970 nm	≥5 mm (≥25 mm)	<3 dB/km @ 980 nm	0.14 ^c
SM980G80	980 - 1650 nm ^a	4.5 µm @ 980 nm 7.5 µm @ 1550 nm	80 ± 1 µm	175 µm ± 5%	870 - 970 nm	≥5 mm (≥12 mm or 38 mm for 25 Year Life)	≤3 dB/km @ 980 nm and 1550 nm	0.18 ^d
HI1060-J9	980 - 1180 nm	5.9 ± 0.3 µm @ 980 nm 6.2 ± 0.3 µm @ 1060 nm	125 ± 0.5 µm	245 ± 10 µm	920 ± 50 nm	-	≤2.1 dB/km @ 980 nm ≤1.5 dB/km @ 1060 nm	0.14
1060XP	980 - 1600 nm	5.9 ± 0.5 µm @ 980 nm 6.2 ± 0.5 µm @ 1060 nm 9.5 ± 0.5 µm @ 1550 nm	125 ± 0.5 µm	245 ± 10 µm	920 ± 30 nm	≥6 mm (≥13 mm)	≤2.1 dB/km @ 980 nm ≤1.5 dB/km @ 1060 nm	0.14
980HP	980 - 1600 nm	4.2 ± 0.5 µm @ 980 nm 6.8 ± 0.5 µm @ 1550 nm	125 ± 1.5 µm	245 ± 15 µm	920 ± 30 nm	≥6 mm (≥13 mm)	≤3.5 dB/km @ 980 nm	0.20

^a Wavelength range is illustrative and not guaranteed.

^b MFD is a nominal, calculated value, estimated at the operating wavelength(s)

^c 0.13 ≤ NA ≤ 0.15

^d 0.17 ≤ NA ≤ 0.19

ITEM #	PRICE/m*	\$	£	€	RMB
SM980-5.8-125	1 to 9 m	\$ 5.50	£ 3.96	€ 4.79	¥ 43.84
	10 to 49 m	\$ 4.68	£ 3.37	€ 4.07	¥ 37.26
	50 to 249 m	\$ 3.85	£ 2.78	€ 3.35	¥ 30.69
SM980G80	1 to 9 m	\$ 4.60	£ 3.32	€ 4.01	¥ 36.67
	10 to 49 m	\$ 3.91	£ 2.82	€ 3.41	¥ 31.17
	50 to 249 m	\$ 3.22	£ 2.32	€ 2.81	¥ 25.67
HI1060-J9	1 to 100 m	\$ 7.90	£ 5.69	€ 6.88	¥ 62.97
1060XP	1 to 9 m	\$ 4.85	£ 3.50	€ 4.22	¥ 38.66
	10 to 49 m	\$ 4.12	£ 2.97	€ 3.59	¥ 32.86
	50 to 249 m	\$ 3.40	£ 2.45	€ 2.96	¥ 27.06
980HP	1 to 9 m	\$ 4.80	£ 3.46	€ 4.18	¥ 38.26
	10 to 49 m	\$ 4.08	£ 2.94	€ 3.55	¥ 32.52
	50 to 249 m	\$ 3.36	£ 2.42	€ 2.93	¥ 26.78

*Call for Quantities Over 250 m

Popular Compatible Connectors (See Page 1142)

CLADDING DIAMETER	FC/PC CONNECTOR	FC/APC CONNECTOR*
80 µm	30080D1	N/A
125 µm	30126D1	30126K1 (Ø900 µm) 30126F1 (Ø3 mm)

*Furcation Tubing Diameter is given in Parentheses

Standard Length Pricing

ITEM #	\$	£	€	RMB	DESCRIPTION
HI1060-10	\$ 68.20	£ 49.10	€ 59.33	¥ 543.55	10 m HI1060 w/ Ø900 µm Jacket
HI1060-100	\$631.30	£ 454.54	€ 549.23	¥5,031.46	100 m HI1060 w/ Ø900 µm Jacket

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- ◆ Single Mode, Polarization-Maintaining, and Multimode Fibers

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