

Fiber Optics

Single Mode Fiber, 400 nm to 600 nm

ITEM#	PRICE/m	\$	£	€	RMB
S405	1 to 9m	\$ 13.50	£ 8.50	€ 12.55	¥ 128.95
	10 to 49m	\$ 11.20	£ 7.05	€ 10.40	¥ 106.95
	50 to 249m	\$ 8.65	£ 5.45	€ 8.05	¥ 82.60
SM450	1 to 9m	\$ 9.00	£ 5.65	€ 8.35	¥ 85.95
	10 to 49m	\$ 6.70	£ 4.20	€ 6.25	¥ 64.00
	50 to 249m	\$ 5.65	£ 3.55	€ 5.25	¥ 53.95
460HP	1 to 9m	\$ 9.95	£ 6.25	€ 9.25	¥ 95.00
	10 to 49m	\$ 8.50	£ 5.35	€ 7.90	¥ 81.20
	50 to 249m	\$ 6.50	£ 4.10	€ 6.05	¥ 62.10
S460	1 to 9m	\$ 12.20	£ 7.70	€ 11.35	¥ 116.50
	10 to 49m	\$ 9.60	£ 6.05	€ 8.95	¥ 91.70
	50 to 249m	\$ 8.15	£ 5.15	€ 7.60	¥ 77.85

Call For Quantities Over 250m



NEW Pure Silica Core Fibers

- Resistance to Radiation-Induced Damage and Color Center Formation
- Low Attenuation
- Available P/Ns: S405, S460, and S630

Features

- Shipped From Stock, No Minimums
- Acrylate Jacket

ITEM#	OPERATING WAVELENGTH	MODE FIELD DIAMETER	CLADDING	COATING	CUTOFF WAVELENGTH	ATTENUATION MAXIMUM	NA	VENDOR
S405 ^{4,5}	400-550 nm	2.9 µm @ 405 nm	125 ± 1.0 µm	245 ± 15 µm	370 ± 20 nm	<30dB/km @ 460 nm	0.12	Nufern
SM450	488/514 nm ¹	3.3/3.4 µm ²	125 ± 1 µm	245 ± 5%	400 ± 50 nm	<50dB/km @ 488 nm ³	0.13 ³	Fibercore
460HP ⁵	450-600 nm	3.5 ± 0.5 µm @ 515 nm	125 ± 1.5 µm	245 ± 15 µm	430 ± 20 nm	<30dB/km @ 630 nm	0.13	Nufern
S460 ^{4,5}	400-600 nm	3.4 ± 0.5 µm @ 460 nm	125 ± 1.0 µm	245 ± 15 µm	425 ± 25 nm	<30dB/km @ 460 nm	0.13	Nufern

1) Operating wavelength range is typically 200 nm above the cutoff wavelength.

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

3) 0.10 ≤ NA ≤ 0.14

4) Pure Silica Core Fibers

5) Short term bend radius ≥6 mm

Single Mode Fiber, 633 nm to 770 nm

ITEM#	PRICE/m	\$	£	€	RMB
SM600	1 to 9m	\$ 5.40	£ 3.40	€ 5.00	¥ 51.55
	10 to 49m	\$ 3.85	£ 2.45	€ 3.60	¥ 36.75
	50 to 249m	\$ 3.35	£ 2.10	€ 3.10	¥ 32.00
630HP	1 to 9m	\$ 5.25	£ 3.30	€ 4.90	¥ 50.15
	10 to 49m	\$ 4.25	£ 2.70	€ 3.95	¥ 40.60
	50 to 249m	\$ 3.25	£ 2.05	€ 3.00	¥ 31.05
S630	1 to 9m	\$ 8.50	£ 5.35	€ 7.90	¥ 81.20
	10 to 49m	\$ 7.30	£ 4.60	€ 6.80	¥ 69.70
	50 to 249m	\$ 5.30	£ 3.35	€ 4.95	¥ 50.60

Call For Quantities Over 250m

Features

- Shipped From Stock, No Minimums
- True Single Mode Operation for HeNe and All Visible Laser Diodes
- Acrylate Coating
- Exceptional Core/Clad Concentricity Specifications
- 630HP and S630 Offer a Tight Bend Radius for Applications in Miniaturized Fiber Optic Packages

ITEM#	OPERATING WAVELENGTH	MODE FIELD DIAMETER	CLADDING	COATING	CUTOFF WAVELENGTH	ATTENUATION MAXIMUM	NA	VENDOR
SM600	633/680 nm ¹	4.3/4.6 µm ²	125 ± 1 µm	245 ± 5%	550 ± 50 nm	<15dB/km @ 633 nm	0.12 ³	Fibercore
630HP ⁵	610-770 nm	4.0 ± 0.5 µm @ 630 nm	125 ± 1.5 µm	245 ± 15 µm	570 ± 30 nm	<12dB/km @ 630 nm	0.13	Nufern
S630 ^{4,5}	600-860 nm	4.2 ± 0.5 µm @ 630 nm	125 ± 1.0 µm	245 ± 15 µm	590 ± 30 nm	<10dB/km @ 630 nm	0.12	Nufern

1) Operating wavelength range is typically 200 nm above the cutoff wavelength.

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

3) 0.10 ≤ NA ≤ 0.14

4) Pure Silica Core Fibers

5) Short term bend radius ≥6 mm

Single Mode Fiber, 780 nm to 970 nm

ITEM#	PRICE/m	\$	£	€	RMB
780HP	1 to 9m	\$ 5.25	£ 3.30	€ 4.90	¥ 50.15
	10 to 49m	\$ 4.25	£ 2.70	€ 3.95	¥ 40.60
	50 to 249m	\$ 3.25	£ 2.05	€ 3.00	¥ 31.05
SM800-5.6-125	1 to 9m	\$ 5.40	£ 3.40	€ 5.00	¥ 51.55
	10 to 49m	\$ 3.85	£ 2.45	€ 3.60	¥ 36.75
	50 to 249m	\$ 3.35	£ 2.10	€ 3.10	¥ 32.00

Call For Quantities Over 250m

Features

- Shipped From Stock, No Minimums
- Acrylate Jacket
- Exceptional Core/Clad Concentricity Specifications
- 780HP Offers Tight Second Mode Cutoff Tolerances
- 780HP Offers a Tight Bend Radius for Applications in Miniaturized Fiber Optic Packages

ITEM#	OPERATING WAVELENGTH	MODE FIELD DIAMETER	CLADDING	COATING	CUTOFF WAVELENGTH	ATTENUATION MAXIMUM	NA	VENDOR
780HP ⁴	780-970 nm	5.0 ± 0.5 µm @ 850 nm	125 ± 1.5 µm	245 ± 15 µm	730 ± 30 nm	<3.5dB/km @ 850 nm	0.13	Nufern
SM800-5.6-125	830 nm ¹	5.6 µm ²	125 ± 1 µm	245 ± 5%	730 ± 70 nm	<5dB/km @ 830 nm	0.12 ³	Fibercore

1) Operating wavelength range is typically 200 nm above the cutoff wavelength.

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

3) 0.10 ≤ NA ≤ 0.14

4) Short term bend radius ≥6 mm