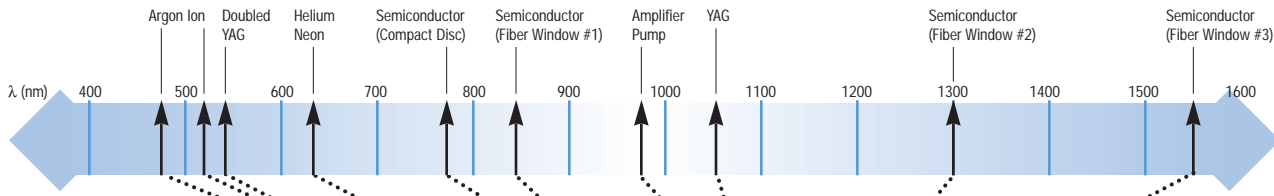
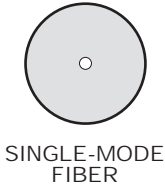


SM



WAVELENGTH, nm	488	633	850	980/1060	1300	1550
Cut-off wavelength, nm	<470	<620	<770	<970	<1250	<1250
Mode field diameter, $\mu\text{m}$	3.4	4.3	5.5	6.2	9.3	10.5
Cladding diameter, $\mu\text{m}$	125	125	125	125	125	125
Buffer diameter, $\mu\text{m}$	250	250	250	250	250	250
Attenuation, dB/km, typical/max	20/30	8/12	3/5	1/2	0.3/0.5	0.2/0.4
Numerical aperture (NA)	0.11	0.11	0.11	0.14	0.13	0.13
Fiber Code - Single Mode	11	12	13	14	15	15



Cut-off wavelength, nm	-	<620	<780	<970	<1270	<1500
Mode field diameter, $\mu\text{m}$	-	3.3	4.3	4.2	6.6	7.8
Cladding diameter, $\mu\text{m}$	-	80	80	125	125	125
Buffer diameter, $\mu\text{m}$	-	200	200	250	250	250
Attenuation, dB/km, typical/max	-	10/12	3/5	1/2.5	1/2	1/2
Numerical aperture (NA)	-	0.16	0.16	0.20	0.16	0.16
Fiber Code - High NA	-	02	03	08 <sup>1</sup>	05	06

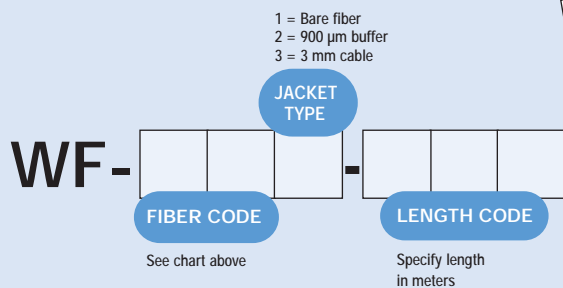


Cut-off wavelength, nm	-	-	-	-	-	<1350
Mode field diameter, $\mu\text{m}$	-	-	-	-	-	8.1
Cladding diameter, $\mu\text{m}$	-	-	-	-	-	125
Buffer diameter, $\mu\text{m}$	-	-	-	-	-	250
Zero dispersion range, nm	-	-	-	-	-	1535-1565
Max. dispersion, ps/nm-km (1525-1575 nm)	-	-	-	-	-	2.7
Numerical aperture (NA)	-	-	-	-	-	0.17
Fiber Code - Dispersion Shifted	-	-	-	-	-	17



### Ordering Information: Single-mode Fibers

- Key Features:**
- Standard and High NA
  - No minimum length
  - Shipped from stock
  - Temp.: -40 to +85 °C
- Pricing:** Call for the latest pricing. Inquire about multiple product discounts.



**Connectors:** All of the fibers above may be terminated with a variety of connectors. See page 17 for specifications.



Wave Optics offers a wide variety of single-mode fibers for operation from 488 nm to 1550 nm. Most fibers are available from stock with no minimum length requirement and no cutting fees. Fibers are available with primary coating, loose tube buffering, or Kevlar reinforced jacketing (see page 17). Fibers can be purchased in bulk or as part of an assembly.

1. Amplifier applications.
2. High NA fibers are well suited for tight bend applications.