

CorActive Passive Fibers For Component & Laser Delivery Applications

CorActive offers one of the most extensive selections of passive component and laser delivery fibers on the market. CorActive passive fibers are matched to CorActive active fibers and other commercially available active fibers. CorActive passive component and laser delivery fibers are available in single-clad, double-clad and photosensitive versions.

ADVANTAGES

- Matched to CorActive and other commercially available active fibers
- Extensive product selection to suit most fiber laser and amplifier applications
- Circular clad design ensures easier cleaving and splicing
- Custom products available upon request

APPLICATIONS

- Fiber laser beam delivery
- Fiber laser and amplifier component manufacturing (Pump combiners, isolators, etc.)
- Fiber Bragg Grating manufacturing

SPECIFICATIONS

Single-Clad Fibers

Model	Core Diameter	Clad Diameter	Core NA	Matched CorActive Active Fiber
SM-GE-1060-LNA	5.0 ± 1.0	125 ± 2	0.14 ± 0.02	
SCF-UN-6/125-12	6.0 ± 1.0	125 ± 2	0.12 ± 0.01	DCF-YB-6/125
SCF-UN-8/125-10	8.0 ± 1.0	125 ± 2	0.10 ± 0.01	
SCF-UN-8/125-14	8.0 ± 1.0	125 ± 2	0.14 ± 0.01	
SCF-UN-8/125-17	8.0 ± 1.0	125 ± 2	0.17 ± 0.02	
SCF-UN-10/123-08	10.0 ± 1.0	123 ± 2	0.08 ± 0.01	DCF-YB-10/128
SCF-UN-10/200-08	10.0 ± 1.0	200 ± 4	0.08 ± 0.01	
SCF-UN-11/125-21	11.0 ± 1.0	125 ± 2	0.21 ± 0.02	DCF-YB-10/128-FA
MM-13.5/125	13.5 ± 2.0	125 ± 2	0.14 ± 0.02	
SCF-UN-15/125-11	15.0 ± 1.0	125 ± 2	0.11 ± 0.01	
SCF-UN-17/200-18	17.0 ± 2.0	195 ± 4	0.18 ± 0.02	DCF-EY-17/200
SCF-UN-18/125-20	18.0 ± 2.0	125 ± 2	0.20 ± 0.02	
SCF-UN-20/125-06	20.0 ± 2.0	125 ± 2	0.06 ± 0.01	
SCF-UN-20/125-08	20.0 ± 2.0	125 ± 2	0.08 ± 0.01	DCF-YB-20/128, DCF-YB-20/130, DCF-YB-20/128-HCN
SCF-UN-20/125-12	20.0 ± 2.0	125 ± 2	0.12 ± 0.01	DCF-YB-20/128P-FA
MM-20/125	20.0 ± 2.0	125 ± 2	0.14 ± 0.02	
SCF-UN-20/200-06	20.0 ± 2.0	200 ± 4	0.06 ± 0.01	
SCF-UN-20/250-08	20.0 ± 2.0	250 ± 5	0.08 ± 0.01	
SCF-UN-20/400-06	20.0 ± 2.0	400 ± 8	0.06 ± 0.01	
SCF-UN-25/125-10	25.0 ± 2.0	125 ± 2	0.10 ± 0.02	
SCF-UN-30/250-11	30.0 ± 3.0	250 ± 5	0.11 ± 0.01	DCF-YB-30/250, DCF-YB-30/250P-FA
SCF-UN-50/125-13	50.0 ± 5.0	125 ± 2	0.13 ± 0.01	
SCF-UN-105/125-15	105 ± 3.0	125 ± 2	0.15 ± 0.01	

CorActive High-Tech, Inc.
2700 Jean-Perrin, Suite 121, Quebec City, QC
Canada G2C 1S9
Phone : 1-866-845-2466
E-mail : sales@coractive.com
www.coractive.com

CorActive
Specialty Optical Fiber Manufacturer

Double-Clad Fibers

Model	Core Diameter	Clad Diameter	Core NA	Matched CorActive Active Fiber
DCF-UN-6/125-12	6.5 ± 1.0	125 ± 2	0.12 ± 0.02	DCF-YB-6/125
DCF-UN-6/125-14	5.5 ± 1.0	125 ± 2	0.14 ± 0.02	
DCF-UN-6/123-23	6.0 ± 1.0	123 ± 2	0.23 ± 0.02	DCF-TM-6/125
DCF-UN-8/125-10	8.0 ± 1.0	125 ± 2	0.10 ± 0.01	
DCF-UN-8/125-14	8.0 ± 1.0	125 ± 2	0.14 ± 0.02	
DCF-UN-8/200-10	8.0 ± 1.0	195 ± 4	0.10 ± 0.01	
DCF-UN-10/125-08	10.0 ± 1.0	125 ± 2	0.08 ± 0.005	DCF-YB-10/128
DCF-UN-10/125-11	10.0 ± 1.0	125 ± 2	0.11 ± 0.01	
DCF-UN-10/200-08	10.0 ± 1.0	200 ± 4	0.08 ± 0.01	
DCF-UN-10/200-12	10.0 ± 1.0	195 ± 4	0.12 ± 0.02	
GE 829	12.0 ± 1.0	125 ± 2	0.12 ± 0.02	
DCF-UN-13/250-08	12.5 ± 1.0	250 ± 5	0.08 ± 0.01	
DCF-UN-15/125-13	15.0 ± 1.0	125 ± 2	0.13 ± 0.01	DCF-YB-15/128P-FA
DCF-UN-15/125P-14	15.0 ± 2.0	125 ± 2	0.14 ± 0.02	DCF-YB-15/128P-FA
DCF-UN-17/200-18	17.0 ± 2.0	195 ± 4	0.18 ± 0.02	DCF-EY-17/200
DCF-UN-20/125-06	20.0 ± 2.0	125 ± 2	0.06 ± 0.01	
DCF-UN-20/125-08	20.0 ± 2.0	125 ± 2	0.08 ± 0.01	DCF-YB-20/128, DCF-YB-20/130, DCF-YB-20/128-HCN
DCF-UN-20/125-11	20.0 ± 2.0	125 ± 2	0.11 ± 0.01	DCF-YB-20/128P-FA
GE 720	20.0 ± 2.0	250 ± 5	0.08 ± 0.01	
DCF-UN-25/125-10	25.0 ± 2.0	125 ± 2	0.10 ± 0.01	
DCF-UN-25/400-11	25.0 ± 2.0	400 ± 8	0.11 ± 0.01	
GE 740	40.0 ± 4.0	400 ± 8	0.06 ± 0.01	
DCF-UN-30/250-11	30.0 ± 3.0	250 ± 5	0.11 ± 0.01	DCF-YB-30/250, DCF-YB-30/250P-FA
DCF-UN-50/400-15	50.0 ± 5.0	385 ± 8	0.15 ± 0.01	
DCF-UN-70/250-20	70.0 ± 7.0	250 ± 10	0.20 ± 0.02	DCF-ER-70/250

Hard Polymer Clad Multimode Fibers

Model	Core Diameter	Clad Diameter	Core NA	Application
HCF-125-47	125 ± 2	165 (typ)	> 0.46	Laser Delivery, Illumination
MM-200/0.47	200 ± 4	265 (typ)	> 0.46	Laser Delivery, Illumination
MM-400/0.47	400 ± 8	470 (typ)	> 0.46	Laser Delivery, Illumination
MM-600/0.47	600 ± 12	620 (typ)	> 0.46	Laser Delivery, Illumination

Photosensitive Fibers

Model	Core Diameter	Clad Diameter	Core NA	Application
SCF-UN-13/330-07-PS	12.5 ± 1.0	330 ± 7	0.07 ± 0.01	Fiber Laser Bragg Gratings
DCF-UN-13/250-07-PS	12.5 ± 1.0	250 ± 5	0.07 ± 0.01	Fiber Laser Bragg Gratings
DCF-UN-20/400-06-PS	20.0 ± 2.0	400 ± 8	0.06 ± 0.01	Fiber Laser Bragg Gratings

Polarization-Maintaining Fibers

Model	MFD	Clad Diameter	Core NA	Application
SCF-UN-3/125-25-PM	4.0 (typical)	125 ± 2	0.25 ± 0.02	
SM-GE-1060-LNA-PM	6.8 (typical)	125 ± 2	0.14 ± 0.02	

CorActive High-Tech, Inc.
 2700 Jean-Perrin, Suite 121, Quebec City, QC
 Canada G2C 1S9
 Phone : 1-866-845-2466
 E-mail : sales@coractive.com
www.coractive.com


 Specialty Optical Fiber Manufacturer