

## Fiber Optics

### Passive Components

### Collimation Packages

### FiberBench

### Optical Switches

### Rackbox Systems

### Connectors/ Termination Tools

### Single Mode Fiber

### Rare Earth Doped

### Polarization Maintaining Fiber

### Photonic Crystal Fiber

### Multimode Fiber: Graded Index

### Multimode Fiber: Step Index

### Plastic Optical Fiber

# FC and FC/APC Pigtailed Collimators for SM and PM Fibers

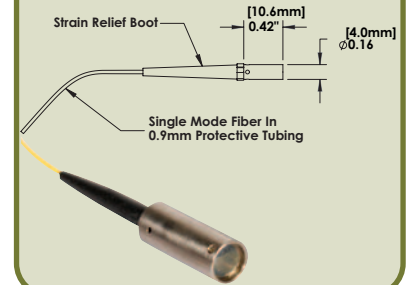
Our line of pigtailed collimators has the fiber and AR-coated aspheric lens rigidly potted inside a stainless steel housing. Each collimator comes with one meter of single mode or multimode fiber and is collimated to the specified wavelength. Since the AR coating encompasses a broad spectral range, it is possible to use this collimator at any wavelength within the coating range; however, the coupling loss will increase as the wavelength is detuned from the design wavelength. Custom wavelengths are available upon request.

### Specifications

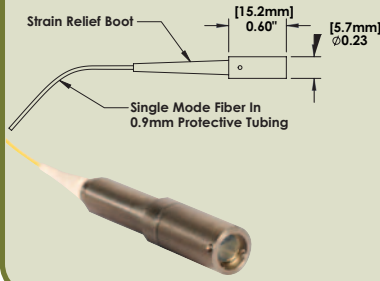
- **Insertion Loss:** <0.2dB
- **Return Loss:** >-55dB
- **Fiber Length:** 1m

ITEM#	FIBER	ALIGNMENT	AR λ (nm)
CFSXX-532-FC	460HP	532mm	400-600
CFSXX-1030-FC	HI1060	1030mm	600-1050
CFSXX-1064-FC	1060XP	1064mm	1050-1600
CFSXX-1310-APC	SMF28c	1310mm	1050-1600
CFSXX-1550-APC	SMF28c	1550mm	1050-1600

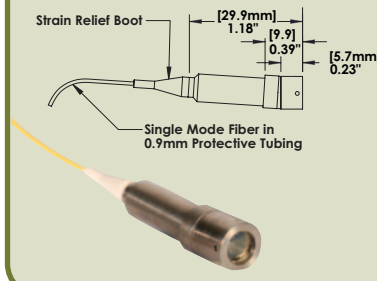
### Aspheric Collimator 2.0mm EFL



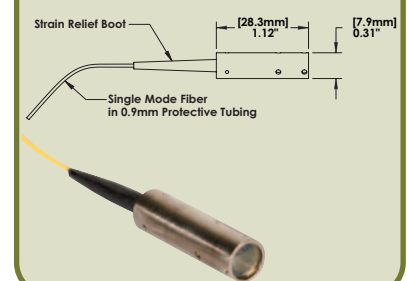
### Aspheric Collimator 4.6mm EFL



### Aspheric Collimator 11.0mm EFL



### Aspheric Collimator 18.0mm EFL



ITEM#	EFL (mm)	INPUT MFD <sup>1</sup> (μm)	OUTPUT WAIST DIA. (mm)	MAX WAIST DIST. (mm) <sup>2</sup>	DIVERGENCE (mrad)	LENS CHAR		ALIGNMENT (nm)	CONNECTOR
						CA <sup>3</sup> (mm)	NA		
CFS2-532-FC	2.0	3.5	0.39	110	1.75	2.0	0.50	532	FC/PC
CFS2-1030-FC	2.0	6.0	0.44	75	3.00	2.0	0.50	1030	FC/PC
CFS2-1064-FC	2.0	6.2	0.44	72	3.10	2.0	0.50	1064	FC/PC
CFS2-1310-APC	2.0	9.2	0.54	89	3.10	2.0	0.50	1310	FC/APC
CFS2-1550-APC	2.0	10.4	0.38	38	5.20	2.0	0.50	1550	FC/APC
CFS5-532-FC	4.6	3.5	0.89	590	0.76	4.9	0.53	532	FC/PC
CFS5-1030-FC	4.6	6.0	1.0	390	1.30	4.9	0.53	1030	FC/PC
CFS5-1064-FC	4.6	6.2	1.0	380	1.35	4.9	0.53	1064	FC/PC
CFS5-1310-APC	4.6	9.2	0.83	210	2.00	4.9	0.53	1310	FC/APC
CFS5-1550-APC	4.6	10.4	0.87	200	2.26	4.9	0.53	1550	FC/APC
CFS11-532-FC	11.0	3.5	2.1	3400	0.32	4.4	0.20	532	FC/PC
CFS11-1030-FC	11.0	6.0	2.4	2200	0.55	4.4	0.20	1030	FC/PC
CFS11-1064-FC	11.0	6.2	2.4	2100	0.56	4.4	0.20	1064	FC/PC
CFS11-1310-APC	11.0	9.2	2.0	1200	0.84	4.4	0.20	1310	FC/APC
CFS11-1550-APC	11.0	10.4	2.1	1100	0.95	4.4	0.20	1550	FC/APC
CFS18-532-FC	18.4	3.5	3.6	9400	0.19	5.5	0.15	532	FC/PC
CFS18-1030-FC	18.4	6.0	4.0	6200	0.33	5.5	0.15	1030	FC/PC
CFS18-1064-FC	18.4	6.2	4.0	6000	0.34	5.5	0.15	1064	FC/PC
CFS18-1310-APC	18.4	9.2	3.3	3400	0.50	5.5	0.15	1310	FC/APC
CFS18-1550-APC	18.4	10.4	3.5	3100	0.57	5.5	0.15	1550	FC/APC

1) Clear Aperture

2) Defined Max Waist Distance

3) Mode-Filed Diameter

ITEM#	\$	£	€	RMB
CFS2-532-FC	\$ 230.00	£ 144.90	€ 213.90	¥ 2,196.50
CFS2-1030-FC	\$ 230.00	£ 144.90	€ 213.90	¥ 2,196.50
CFS2-1064-FC	\$ 230.00	£ 144.90	€ 213.90	¥ 2,196.50
CFS2-1310-APC	\$ 230.00	£ 144.90	€ 213.90	¥ 2,196.50
CFS2-1550-APC	\$ 230.00	£ 144.90	€ 213.90	¥ 2,196.50
CFS5-532-FC	\$ 210.00	£ 132.30	€ 195.30	¥ 2,005.50
CFS5-1030-FC	\$ 210.00	£ 132.30	€ 195.30	¥ 2,005.50
CFS5-1064-FC	\$ 210.00	£ 132.30	€ 195.30	¥ 2,005.50
CFS5-1310-APC	\$ 210.00	£ 132.30	€ 195.30	¥ 2,005.50
CFS5-1550-APC	\$ 210.00	£ 132.30	€ 195.30	¥ 2,005.50

ITEM#	\$	£	€	RMB
CFS11-532-FC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50
CFS11-1030-FC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50
CFS11-1064-FC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50
CFS11-1310-APC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50
CFS11-1550-APC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50
CFS18-532-FC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50
CFS18-1030-FC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50
CFS18-1064-FC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50
CFS18-1310-APC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50
CFS18-1550-APC	\$ 310.00	£ 195.30	€ 288.30	¥ 2,960.50