

## High Power Expanded Beam Collimator

### Features:

Low insertion loss  
High Efficiency  
stability and reliability

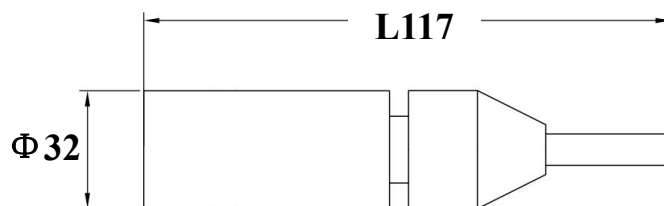
### Application:

Wave Fiber Laser  
High-Power Laser Equipment  
Experimental tests and other areas

Parameter		Value	Unit	Note
Operating Wavelength		1064 ± 10	nm	
Insertion Loss		-	dB	
Return Loss		50	dB	
Beam Diameter (1/e <sup>2</sup> )		Specified	mm	
Ellipticity		92	%	
M <sup>2</sup> Degradation		-	%	
Divergence (Full Angle)		1-2	mrad	Adjustable
Fiber Type		56/400	-	
Φ3mm Armored Cable Length		-	m	
Φ0.9mm Loose Tube Length		-	m	
Fiber Length		1.0	m	
Max. Power Handling	Continue	50	W	
	Pulse Peak	/	kW	
Operating Temperature		5~ +40	℃	
Storage Temperature		-20 ~ +70	℃	
Dimensions (Φ*L)		Φ32x117	mm	

\*Insertion loss of light through fiber cladding is not included in the Insertion loss specification.

### Mechanical Dimension



### Ordering Information

#### GCHCOLL-C-1-2-3-4-5-6

	Lens Type	C-CLens ;G-GLen
1	Operating Wavelength	1310=1310nm, 1550=1550nm, C=1528~1565, L=1570~1605, etc
2	Handling Power	10W 20W 50W 100W , etc
3	Fiber Type	56/400
4	Beam Diameter	Specified
5	Package	32x117, etc.
6	Bare Fiber Length With Loose Tube	01 - 1m 02 - 2m etc.