

## High Power Beam Collimator

**Features:**

Low insertion loss  
High Efficiency  
stability and reliability

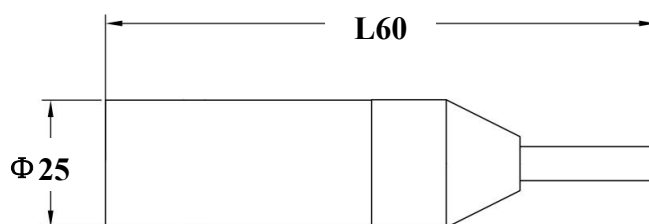
**Application:**

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

Parameter		Value	Unit	Note
Operating Wavelength		1064	nm	
Insertion Loss		$\leq 0.60$	dB	
Return Loss		$\geq 45$	dB	
Beam Diameter ( $1/e^2$ )		$1.8 \pm 0.5$	mm	
Ellipticity		-	%	
M <sup>2</sup> Degradation		-	%	
Divergence (Full Angle)		$2.0 \pm 0.3$	mrاد	
Fiber Type		PLMA-GDF-20/400	-	
Φ3mm Armored Cable Length		-	m	
Φ0.9mm Loose Tube Length		-		
Fiber Length		1.0	m	
Max. Power Handling	Average	150	W	
	Pulse Peak	10	kW	
Operating Temperature		0 ~ +50	°C	
Storage Temperature		-10 ~ +30	°C	
Dimensions (Φ*L)		Φ25x60	mm	

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

### Mechanical Dimension



### Ordering Information

#### GCHPPMECOLL-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	PLMA-GDF-20/400
4	Beam Diameter	$1.8 \pm 0.5$ , etc.
5	Package	25x60, etc.
6	Bare Fiber Length With Loose Tube	01 - 1m 02 - 2m etc.