

High Power Expanded Beam Collimator

Features:

Low insertion loss
High Efficiency
stability and reliability

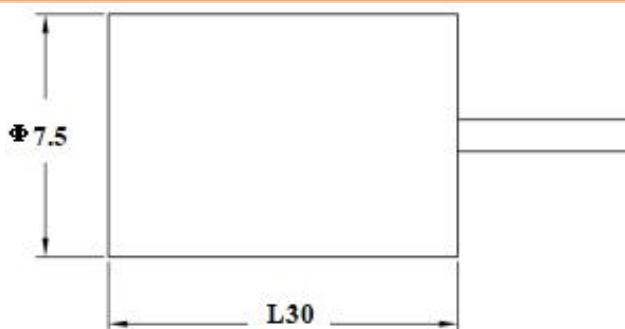
Application:

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

Parameter		Value	Unit	Note
Operating Wavelength		1064±30	nm	
Insertion Loss		≤0.3	dB	
Return Loss		≥50	dB	
Beam Diameter (1/e ²)		2.0±0.5	mm	
Ellipticity		-	%	
M ² Degradation		-	%	
Divergence (Full Angle)		-	mrad	
Fiber Type		HT1510-B	-	(input port)
Φ3mm Armored Cable Length		-	m	
Φ0.9mm Loose Tube Length		-	m	
Fiber Length		0.5	m	
Max. Power Handling	Average	10	W	
	Pulse Peak	10	kW	
Operating Temperature		-20 ~ +250	℃	
Storage Temperature		-20 ~ +300	℃	
Dimensions (Φ*L)		Φ7.5x30	mm	

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

Mechanical Dimension



Ordering Information

GCHPCOLL-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	HT1510-B
4	Beam Diameter	2.0±0.5, etc.
5	Package	7.5x30, etc.
6	Bare Fiber Length With Loose Tube	01 - 1m 02 - 2m etc.