

High Power Beam Collimator

Features:

Low insertion loss
High Efficiency
stability and reliability

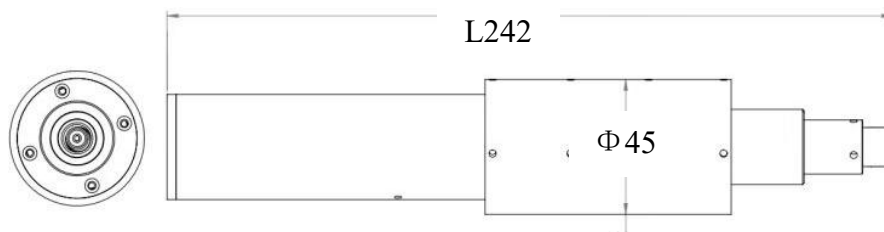
Application:

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

Parameter		Value	Unit	Note
Operating Wavelength		1064±5; 1030±5	nm	PM Isolator
Insertion Loss		≤0.7	dB	
Return Loss		≥50	dB	
Beam Diameter (1/e ²)		6~9	mm	Output
Ellipticity		≥90	%	
M ² Degradation		<15	%	
Divergence (Full Angle)		-	mrاد	
Stripping Efficiency		-	dB	
Stripping Cladding Power		-	W	
Fiber Type		PM10/125,PM15/130,PM20/125, PM25/250,PM30/250,PM20/400	-	
Φ3mm Armored Cable Length		-	m	
Φ0.9mm Loose Tube Length		-	m	
Fiber Length		Specified	m	
Max. Power Handling	Average	50	W	
	Pulse Peak	50	kW	
Operating Temperature		-5 ~ +50	℃	
Storage Temperature		-20 ~ +70	℃	
Dimensions (Φ*L)		Φ45x242	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	PM10/125,PM15/130,PM20/125,, etc
4	Beam Diameter	6~9 , etc
5	Package	45x242, etc.
6	Bare Fiber Length With Loose Tube	01 - 1m 02 - 2m etc.