Advanced Fiber Resources (HK), Ltd.

1064 nm High Power Polarization Maintaining Fiber Collimator (HPPMC Series)

Description

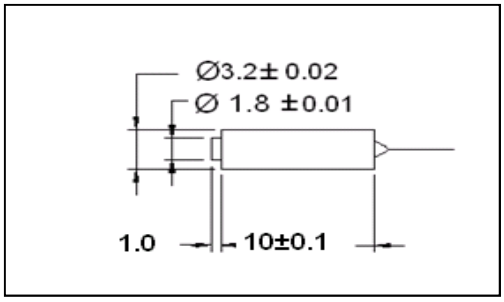
Rev 11

The 1064 nm Polarization Maintaining Fiber Collimator is the basic element for in-line fiber optic components, such as isolator It has low insertion and high return loss. The unique processing and high quality AR coating enable this collimator to handle high average power.

Specifications

Parameter	Unit	Value
Center Wavelength (λc)	nm	1064
Operating Wavelength Range	nm	λc ± 20
Working Distance	mm	50
Typ. Insertion Loss	dB	0.45
Max. Insertion Loss	dB	0.50
Min. Extinction Ratio	dB	20
Min. Return Loss	dB	55
Max. Optical Power (Continuous Wave)	W	3, 5, 10, 20
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Fiber Type	-	PM 980 Fiber
Operating Temperature	℃	- 5 to + 70
Storage Temperature	℃	- 40 to + 85

Package Dimensions



Ordering Information

HPPMC-①-②-③③-④-⑤-⑥-⑦-⑧-⑨-⑩-⑪-⑫

①: Lens Diameter	②: Pigtail Type	③③: Wavelength	④: Holder Type	⑤: Working Distance
1 - 1.8 mm	1 - Single Fiber Pigtail	06 - 1064 nm	1 - Metal Holder	50 - 50 mm

⑥: Connector Type	⑦: Fiber Jacket	⑧: Slow Axis Orientation	⑨: Fiber Length
N - None	B - 250 μm Bare Fiber	O - For Single Fiber Collimato	F - 1.5 m
	L - 900 μm Red Loose Tube		S - Specify

⑩: Lens Type	⑪: Handling Power	⑫: Power Type
C - C Lens	3 - 3 W	P - Pulse Application
	5 - 5 W	C - Continuous Wave
	10 - 10 W	
	20 - 20 W	