



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

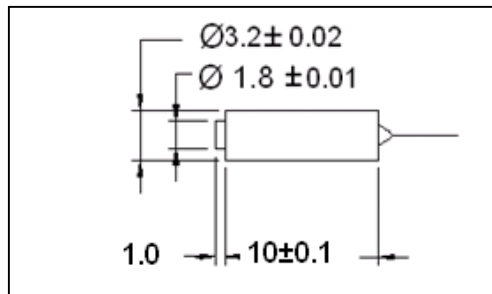
REV 11

The 1064 nm 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 (λ_c)	nm	1064
Operating Wavelength Range	nm	$\lambda_c \pm 20$
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	°C	-5 to +70
Storage Temperature	°C	-40 to +85

Package Dimensions



Ordering Information

HPPMC-①-②-③③-④-⑤-⑥-⑦-⑧-⑨-⑩-⑪-⑫

①: Lens Diameter 1 - 1.8 mm	②: Pigtail Type 1 - Single fiber pigtail	③③: Wavelength 06 - 1064 nm	④: Holder Type 1 - Metal holder	⑤: Working Distance 50 - 50 mm
⑥: Connector Type N - None	⑦: Fiber Jacket B - 250 μ m bare fiber L - 900 μ m red loose tube	⑧: Slow Axis Orientation O - For single fiber collimator	⑨: Fiber Length F - 1.5 m S - Specify	
⑩: Lens Type C - C lens	⑪: Handling Power 3 - 3 W 5 - 5 W 10 - 10 W 20 - 20 W	⑫: Power Type P - Pulse Application C - Continuous Wave		