



Multimode Fiber Collimator (MMC Series)

Rev 11

Description

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

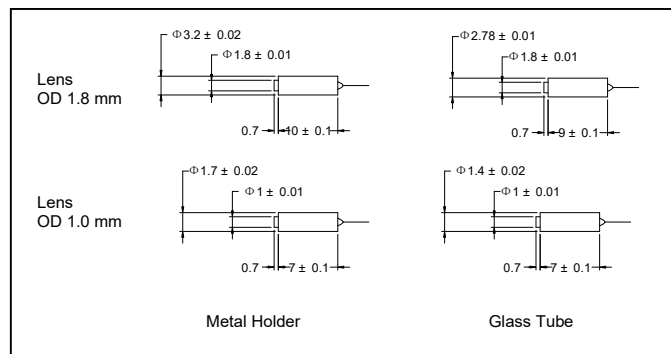
Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1310, 1550, or specified
Operating Wavelength Range	nm	$\lambda_c \pm 30$
Working Distance	mm	5 or specified
Typ. Insertion Loss	dB	0.20
Max. Insertion Loss	dB	0.25
Min. Return Loss	dB	35
Max. Optical Power (continuous wave)	mW	300
Max. Tensile Load	N	5
Fiber Type	-	Multimode Fiber 105/125, 62.5/125, 50/125 μm or specified
Operating Temperature	$^{\circ}\text{C}$	- 5 to + 70
Storage Temperature	$^{\circ}\text{C}$	- 40 to + 85

¹IL is 0.3 dB higher for each connector added.

¹Above specifications are measured at low order modes.

Package Dimensions



Ordering Information

MMC-①-②-③-④-⑤-⑥-⑦-⑧-⑨-⑩

①: Lens Diameter 1 - 1.8 mm 2 - 1.0 mm S - Specify	②: Pigtail Type 1 - Single Fiber Pigtail 2 - Dual Fiber Pigtail S - Specify	③: Wavelength 31 - 1310 nm 55 - 1550 nm SS - Specify	④: Package Dimensions 1 - Metal Holder 2 - Glass Tube	⑤: Working Distance 1 - 5 mm S - Specify
⑥: Connector Type 1 - FC/PC 2 - FC/APC 3 - SC/PC 4 - SC/APC N - None S - Specify	⑦: Fiber Type B - 250 μm Bare Fiber L - 900 μm Loose Tube S - Specify	⑧: Fiber Length F - 1.5 m S - Specify	⑨: Lens Type G - Grin Lens C - C Lens	⑩: Fiber Core 1 - 105/125 μm 2 - 62.5/125 μm 3 - 50/125 μm S - Specify