

2000nm PM Collimator

FEATURES

- High Return Loss
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability
- Low Profile Packaging

APPLICATIONS

- Optical Isolator
- Optical Circulator
- Optical Components
- WDM Assembly
- Laboratory R&D

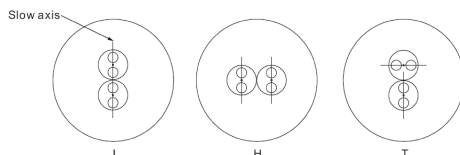


SPECIFICATIONS

Parameters	Unit	Single Fiber	Dual Fiber
Center Wavelength	nm	1900, 1930, 1950, 1970, 2000, 2030, 2050, 2070	
Bandwidth	nm	+/- 20	
Working Distance (WD)	mm	5, 10, 15, 20, 30, 50	
Insertion Loss (WD=5mm)	Typ.	0.35	0.45
	Max.	0.70	0.90
Return Loss	dB	≥50	
Lens Type	-	C-Lens, GRIN Lens or Aspherical-Lens	
Extinction Ratio	Typ.	23	
	Min.	20	
Fiber Type	-	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O) or 25/250um PMDC Fiber (R)	
Fiber Length	m	1.0, 1.5 or customer specify	
Max. Optical Power (CW)	mW	300	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	mm	φ3.2xL10 for Metal Tube φ2.78xL9 for Glass Tube	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.
 5. Package size may be different for different lens and optical power.

SLOW AXIS ORIENTATION



ORDERING INFORMATION (PN)

Wavelength	Type	WD	Package	Housing	Lens	Fiber Type	Fiber Sleeve	Fiber Length	Connector
1900-1900nm	S= Single Fiber	005= 5mm	S= Standard	M= Metal	G=Grin Lens	2= PM1550 Fiber	B=Bare Fiber	05=0.5m	N= None
1950- 1950nm	I= Dual Fiber I Type	010=10mm		G= Glass	C=C-lens	V= PM1950 Fiber	L=Loose Tube	10=1.0m	SC/PC= SC/PC Connector
2000- 2000nm	H= Dual Fiber H Type	020= 20mm			A=Aspherical Lens	O=10/130 PMDC Fiber		15=1.5m	FC/APC=FC/APC Connector
2050- 2050nm	T= Dual Fiber T Type	050= 50mm				R=25/250 PMDC Fiber		20=2.0m	LC/UPC=LC/UPC Connector

