

2000nm High Power Fiber Mirror

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- Low Polarization Sensitivity
- Low Profile Packaging

APPLICATIONS

- Fiber Optic Amplifiers
- Sensing Systems
- Telecommunication Networks
- CATV Networks
- LAN Systems

SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength	nm	1900, 1950, 2000, 2050
Bandwidth	nm	+/-20
Insertion Loss (Max.)	dB	1.0
PDL (for SM Fiber Type)	dB	≤0.10
Extinction Ratio (for PM Fiber Type)	dB	≥18
Fiber Type	SM Fiber Type	SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O) or 25/250um DC Fiber (R)
	PM Fiber Type	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O) or 25/250um PMDC Fiber (R)
Fiber Tensile Load	N	5
Maximum Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	Stainless Steel Tube (SST)	∅5.5x ^L 38 (≤3W); ∅6.0x ^L 50 (3~8W)
	Metal Box	M: ^L 120x ^W 12x ^H 10 (≤8W) H: 90x ^W 12x ^H 10 (>8W)

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 - 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.

ORDERING INFORMATION (PN)

FFMR-NNNN	-	(C)	C	-HP NN	-	(C)	(C)	C	NN	-CC/CCC
Center Wavelength	Type	Fiber Type	Optical Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type		
1900-1900nm	R=High ER	P= PM Fiber	1= 1W	M=Metal Box	V=SM1950 or PM1950 Fiber	B= Bare fiber	05=0.5m	N=Without Connector		
1950-1950nm	Blank for Standard	S=SM Fiber	2=2W	H=H Box	O=10/130 DC or PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector		
2000-2000nm		F= PM Fiber/Fast Axis	5=5W	Blank for SST	R=25/250 DC or PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector		
2050-2050nm			10=10W		Blank for SMF-28 Fiber or PM1550 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector		