

## 900-960nm 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	915, 930, 940, 950
Bandwidth	nm	+/-10
Insertion Loss (Max.)	dB	1.2
PDL (for SM Fiber Type)	dB	≤0.20
Extinction Ratio (for PM Fiber Type)	dB	≥18
Fiber Type	SM Fiber Type	HI780 Fiber, 780-HP Fiber(7), HI1060 Fiber or 10/125um SC Fiber (E)
		10/125um DC Fiber (O), 15/130um DC Fiber (W)
		20/130um DC Fiber (Q) or 25/250um DC Fiber (R)
	PM Fiber Type	PM850 Fiber, PM780-HP Fiber (7), PM980 Fiber or PM1060L Fiber (E)
		10/125um PMDC Fiber (O) or 15/130um PMDC Fiber (W)
		20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)
Fiber Tensile Load	N	5
Max. Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package	Stainless Steel Tube (SST)	mm
Dimension	Metal Box	mm

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
  - To add connectors, IL is 0.7dB 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.
  - Package size maybe different for different optical power and fiber type.

### ORDERING INFORMATION (PN)

FFMR-NNN	- (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
915~915nm	R=High ER	P= PM Fiber	1= 1W	M= Metal Box	H=HI1060 or PM980 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
930~930nm	Blank for Standard	S=SM Fiber	3=3W	H=H Box	E=10/125 SC or PM1060L Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
940~940nm		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
950~950nm			10= 10W		Blank for HI780 or PM850 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector