

## 780-850nm 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	750, 780, 793, 808, 830, 850
Bandwidth	nm	+/-10
Insertion Loss (Max.)	dB	1.4
PDL (for SM Fiber Type)	dB	≤0.20
Extinction Ratio (for PM Fiber Type)	dB	≥18
Fiber Type	SM Fiber Type	HI780 Fiber or 780-HP Fiber
	PM Fiber Type	PM850 Fiber or PM780-HP Fiber
Fiber Tensile Load	N	5
Maximum Optical Power (CW)	mW	1, 2, 3, 5, 10
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package	Stainless Steel Tube (SST)	(Ø)5.5x35 (≤5W); (Ø)6.0x48 (5~10W)
Dimension	Metal Box	(L)120x(W)12x(H)10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.7dB 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.

### ORDERING INFORMATION (PN)

FFMR-NNN	-HP NN	- C	(C)	(C)	C	NN	- CC/CCC
Center Wavelength	Optical Power	Fiber Type	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
780-780nm	1- 1W	P= PM Fiber	M= Metal Box	7-780HP Fiber or PM780HP Fiber	B= Bare Fiber	05=0.5m	N =Without Connector
793-793nm	3-3W	S=SM Fiber	Blank for SST	Blank for HI780 or PM850 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
830-830nm	5-5W				2= 2mm Cable	15=1.5m	LC/PC =LC/PC Connector
850-850nm	10- 10W				3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector