

780-850nm Fiber Mirror for Pulse Power

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	-
	PM Fiber Type	-
Fiber Tensile Load	N	5
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20
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.

ORDERING INFORMATION (PN)

FFMR-NNN	-	(C)	C	-	H NN	P NN	-	(C)	(C)	C	NN	-	CC/CCC
Center Wavelength	Type	Fiber Type	Average Power	Peak Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type				
780~780nm	R=High ER	P= PM Fiber	03~300mW	01~100W	M=Metal Box	7~780HP Fiber or PM780HP Fiber	B= Bare Fiber	05~0.5m	N =Without Connector				
793~793nm	Blank for Standard	S=SM Fiber	1~ 1W	1~ 1kW	H=H Box	Blank for HI780 or PM850 Fiber	L= Loose Tube	10~1.0m	FC/APC=FC/APC Connector				
830~830nm		F= PM Fiber/Fast Axis	3~3W	5~ 5kW	Blank for SST		2= 2mm Cable	15~1.5m	LC/PC =LC/PC Connector				
850~850nm			5~ 5W	10~10kW			3= 3mm Cable	20~2.0m	SC/UPC=SC/UPC Connector				