

980~1120nm 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	980, 1030, 1053, 1064, 1080, 1092, 1120	
Bandwidth	nm	+/-15	
Insertion Loss (Max.)	dB	0.9	
PDL (for SM Fiber Type)	dB	≤0.20	
Extinction Ratio (for PM Fiber Type)	dB	≥18	
Fiber Type	SM Fiber Type	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	PM980 Panda Fiber or 10/125um PMSC Fiber (E) 10/125um PMDC Fiber (O), 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)	
Fiber Tensile Load	N	5	
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5	
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	(Ø)3.8x22 (≤3W); (Ø)5.5x35 (3~10W)
	Metal Box	mm	(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 0.5dB 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.

ORDERING INFORMATION (PN)

FFMR-	NNNN	-H	NN	P	NN	-	C	(C)	(C)	C	NN	-	CC/CCC
<i>Center Wavelength</i>	<i>Average Power</i>		<i>Peak Power</i>	<i>Fiber Type</i>	<i>Package</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>				
980-980nm	03-300mW		01-100W	Type	M=Metal Box	E=10/125 SC Fiber	B= Bare Fiber	05=0.5m	N=Without Connector				
1030-1030nm	1- 1W		1- 1kW	P= PM Fiber	Blank for SST	Q=20/130 DC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector				
1064-1064nm	3-3W		5-5kW	S=SM Fiber		R=25/250 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector				
1120-1120nm	5-5W		10-10kW			Blank for HI1060 Fiber or PM980 Panda Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector				