

750~850nm Partial Reflective 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 (CW)	nm	750, 780, 793, 808, 830, 850
Bandwidth	nm	+/-10
Excess Loss	dB	1.4
Nominal Reflective Ratio	%	1±0.5, 2±0.8, 5±1, 10±2, 50±8, 80, 90, 99
PDL (for SM Fiber Type)	dB	≤0.20
Extinction Ratio (for PM Fiber Type)	dB	≥20
Fiber Type	SM Fiber Type	-
	PM Fiber Type	-
Fiber Tensile Load	N	5
Maximum Optical Power (CW)	mW	300
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package	Stainless Steel Tube (SST)	mm
Dimension	Metal Box	mm

- 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. 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)

FFPF-NNN	-	NN	C	C	- (C)	(C)	C	NN	-CC/CCC
Center Wavelength		Ref. Ratio	Input Fiber	Output Fiber	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
780-780nm		01-1%	P-PM Fiber	P-PM Fiber	M-Metal Box	7-780HP Fiber or PM780HP Fiber	B- Bare Fiber	05-0.5m	N-Without Connector
793-793nm		05-5%	S-SM Fiber	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		50-50%					2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
850-850nm		80-80%					3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector