

980~1120nm 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	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120
Bandwidth	nm	+/-15
Excess Loss	dB	1.0
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 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)
Fiber Type		PM Fiber Type PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber (L) 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
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	(Ø)5.5x35 (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. 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-NNNN	-	NN	C	C	-	(C)	(C)	C	NN	-	CC/CCC
<i>Center Wavelength</i>		<i>Ref. Ratio</i>	<i>Input Fiber</i>	<i>Output Fiber</i>	<i>Package</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>		
980-980nm		01-1%	P- PM Fiber	P- PM Fiber	M-Metal Box	E-10/125 SC or PM1060L Fiber	B- Bare Fiber	05-0.5m	N-Without Connector		
1030-1030nm		05-5%	S-SM Fiber	S-SM Fiber	Blank for SST	Q-20/130 DC or PMDC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector		
1064-1064nm		50-50%				R-25/250 DC or PMDC Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector		
1120-1120nm		80-80%				Blank for HI1060 or PM980 Fiber	3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector		