

1620-1790nm 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	1625, 1650, 1700, 1730, 1750, 1790
Bandwidth	nm	+/-20
Insertion Loss (Max.)	dB	1.2
PDL (for SM Fiber Type)	dB	≤0.15
Extinction Ratio (for PM Fiber Type)	dB	≥20
Fiber Type	SM Fiber Type	SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O) or 25/250um DC Fiber (R)
	PM Fiber Type	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O) 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 Dimension	Stainless Steel Tube (SST)	∅5.5xL35
	Metal Box	L120xW12xH10

Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.3dB 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)

FFMR-	NNNN	-	(C)	C	-	(C)	(C)	C	NN	-	CC/CCC
Center Wavelength	Type		Fiber Type	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type			
1625=1625nm	R=High ER		P= PM Fiber	M= Metal Box	V=SM1950 or PM1950 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector			
1700=1700nm	Blank for Standard		S=SM Fiber	Blank for SST	O=10/130 DC or PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector			
1730=1730nm			F= PM Fiber/Fast Axis		R=25/250 DC or PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector			
1790=1790nm					Blank for SMF-28 Fiber or PM1550 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector			