

Faraday Mirror (1030nm)

Product Features

- Low Insertion Loss
- Compact Size
- Environmental Stability



Product Description:

The non-PM Fiber Components from , use thin film filter all-glass package material to assembly various functions, so that meet different optical requirements.
The page mainly introduce Filter Faraday Mirror.

Specifications

Parameter	Unit	Value	
Product Name	nm	FRM	
Center Wavelength (λ_c)	nm	1030	
Operating Wavelength Range	nm	± 5	
Configuration	--	1x0	
Rotation Angle	Deg.	90 \pm 1	180 \pm 2
Insertion Loss @ Passband	dB	≤ 1.2	≤ 2.5
PDL	dB	≤ 0.1	
Return Loss (Input/Output)	dB	≥ 50	
Power handling(CW)	mW	≤ 100	
Tensile Load	N	≤ 5	
Fiber Type	--	Hi1060	
Pigtail Type	--	Bare fiber or 0.9mm loose tube are available	
Package Dimension	mm	$\Phi 5.5 \times L35$	
Connector Type	--	SC, FC, LC / UPC, APC	
Operating Temperature	$^{\circ}\text{C}$	-5 to +70	
Storage Temperature	$^{\circ}\text{C}$	-40 to +85	

* * Tr=Room temperature, To=Operating temperature.
* Above specifications are for device without connector.



Ordering Information

FR	Wavelength	Pigtail Type	Fiber Length	Connector	Size
	1030nm Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify	Φ5.5x35 mm