



# Fiber Mirror Reflector

## PERFORMANCE SPECIFICATIONS

Parameter	Specifications	
Operating Wavelength	Single wavelength : 1310nm, 1480nm or 1550nm ( A and B Package ) Dual wavelength : 1310/1550nm (B and C Package ) Wideband wavelength : 1510 ~ 1620nm (C & L Band) (C Package only)	
Operating Bandwidth*	± 40nm	
Insertion Loss Windows	Single	Dual or Wideband
Insertion Loss Reflection 99%	≤ 0.3dB	≤ 0.4dB
Insertion Loss Reflection 95%	≤ 0.5dB	≤ 0.6dB
Insertion Loss Reflection 95%	≤ 0.8dB	≤ 1.0dB
Polarization Dependent Loss	≤ 0.05dB	
Optical Power	≤ 300mW	
Operating Temperature	-5 to +70°C	
Storage Temperature	- 40 to +85°C	
Package Dimensions	A=Φ1.8xL8mm (99% Reflection only)	
	B=Φ2.8xL10mm	
	C=Φ3.2xL12mm	

\*For Single wavelength and Dual wavelength operation  
All values referenced are without connector.

## FEATURES

- Low Insertion Loss
- Low Polarization Sensitivity
- Epoxy Free Optical Path

## APPLICATION

- Fiber optic Amplifiers
- CATV Fiber optic Links
- Fiber optic Testing Systems
- Fiber optic LAN Systems
- Telecommunications

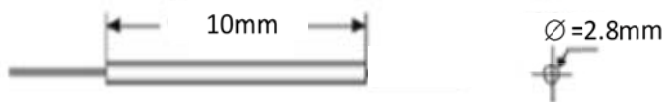
## Fiber Mirror Reflector

### MECHANICAL DIMENSIONS

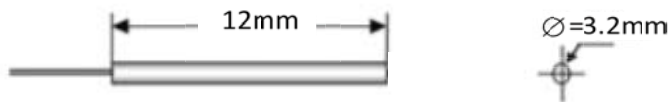
A package:



B package:



C package:



### PORT CONFIGURATIONS



### ORDERING INFORMATION

FMR	Operating Wavelength	Reflection	Package	Fiber Type*	Pigtail Style	Fiber Length	Connector
	31=1310nm	99=99%	A=Φ1.8X8 mm	2=SMF-28 Ultra (G.657.A1)	1=Bare fiber	05=0.5m	0= None
	48=1480nm	95=95%	B=Φ2.8X10mm		2=900um loose tube	10=1.0m	1= FC/APC
	55=1550nm	90=90%	C=Φ3.2X12mm	3=ClearCurve ZBL (G.657.B3)	3=3mm jacket	·	2= FC/PC
	3155=1310/1550nm	SS=Custom			4=2mm jacket	·	3= SC/APC
	5162=1510-1620nm (C & L band)				5=1.6mm jacket	·	4= SC/PC
					6=900um tight buffer	·	5= ST
						50=5.0m	6= LC/UPC
							7= LC/APC

\*1=SMF-28(G.652) is available upon request.