

125um Polarization-Maintaining Optical Fiber Polarizer



Product Features

- Stable extinction ratio
- Low insertion loss
- Low back reflection
- Bi-Directional Operation
- All-Fiber Construction

Product Applications

- Optical testing systems
- Optical fiber sensors
- Optical fiber Lasers
- Optical Sources

Specifications			Premium	A Grade	Premium	A Grade
Parameter	Unit					
Central Operating Wavelength	nm		830, 980, 1064		1310, 1480, 1550, 2000	
Bandwidth	Max	nm	+/-30	+/-20	+/-30	+/-20
Extinction ratio	Min.	dB	25	23	25	23
Insertion loss	Typ.	dB	1.0	1.2	0.4	0.7
Insertion Loss	Max	dB	1.2	1.5	0.7	1.0
Return Loss	Min.	dB	60			
Operating Temperature	°C	-40 to +85				
Storage Temperature	°C	-55 to +85				
Package Size	mm	S6	Ø3x54: for bare fiber			
		S8	Ø3x70: for 0.9mm loose tube			
		M1	9x16x90: for 3mm cable			
Fiber Type		125/250um PM Panda fiber				

Ordering Information

P	M	F	P	1	0	0					
Wavelength	Performance	Package	Fiber Type	Fiber Length	Connector						
4=1550nm	P=Premium	5=S6 with	E=125um	0=0.5m	0=None						
5=1480nm	A=A Grade	250um bare	Panda fiber	1=0.75m	1=FC/PC						
7=1310nm		fiber pigtail		2=1.0m	3=FC/APC						
8=1064nm		7= S8 with 900um		S=Specify							
9=980nm		Loose Tube									
K=830nm		D= M1 with 3mm									
P=2000nm		Cable									
S=Specify											

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are subject to change without notice.