

Mini Isolator

1. Description:

Mini isolator is a kind of the optical component, its basic function is to realize the positive transfer optical signal, and inhibit reverse light.

2. Features:

- Low insertion loss
- High isolation
- High Return Loss
- Low PDL

3. Applications:

- EDFA
- Optical fiber testing system
- CATV System
- Telecom System
- Wireless Network

4. Specifications:

Parameter	Grade P	Grade A
Operating Wavelength (nm)	1310 or 1550	
Isolation @ Passband (dB)	≧ 42	≧ 40
Isolation (dB)	≧ 32	≧ 30
Insertion Loss @ Passband (dB)	0.3	0.4
Insertion Loss (dB)	≧ 0.5	≧ 0.7
Return Loss (dB)	≧ 65/60	≧ 60/55
PDL (dB)	<0.05	<0.1
PMD (ps)	0.2(0.05 available upon request)	
Operating Wavelength Range (nm)	± 15	
Operating Temperature (°C)	-20 ~ + 70	
Storage Temperature (°C)	-40 ~ +85	
Fiber Type	Corning SMF-28	
Fiber Length (m)	1 Meter Each End	
Package Dimensions (mm)	3.0×25	
Handling Power(mW)	300	

5. Order Information:

ISO Type	Operating Wavelength	Grade	Fiber Type	Fiber Length	Connector
Min= Mini	13=1310nm 14=1480nm 15=1550nm LB=L Band	S= Special P=Grade P A= Grade A	1=250um 2=900um	1=1.0m 2=1.5m 3=2.0m 4= Special	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC