

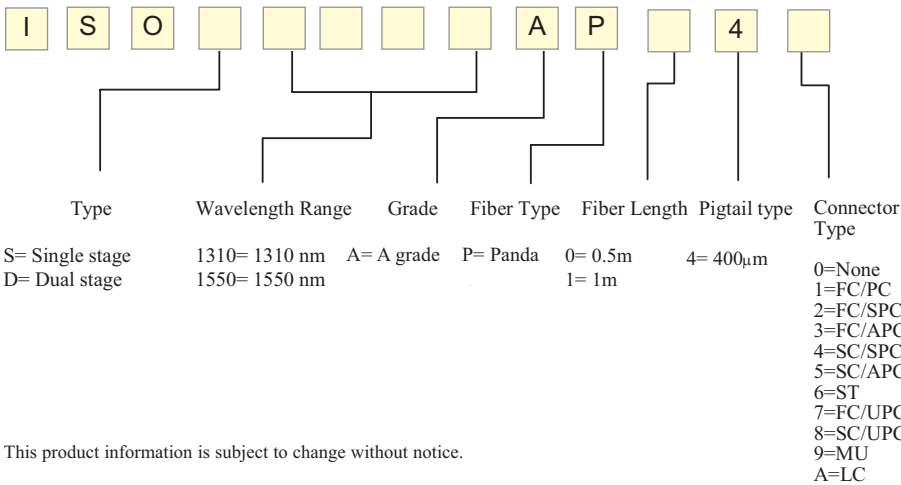
# PM Fiber Optical Isolator

## Specifications

parameter		Unit	Single	Dual
Central Wavelength ( $\lambda_c$ )	-	nm	1310, 1550	
Isolation ( $\lambda_c \pm 15\text{nm}$ , 23°C, All SOP)	Min.	dB	28	48
Isolation ( $\lambda_c \pm 15\text{nm}$ , 0 ~ 70°C, All SOP)	Min.	dB	20	34
Insertion Loss ( $\lambda_c$ , 23°C, All SOP)	Typ.	dB	0.6	0.7
Insertion Loss ( $\lambda_c \pm 20\text{nm}$ , 0 ~ 70°C, All SOP)	Max.	dB	0.8	0.9
Return Loss (input/output)	Min.	dB	60 / 55	
Extinction Ratio ( $\lambda_c$ , 23°C, All SOP)	Min.	dB	20	
Fiber Type	-	-	PM Panda	
Power Handling	Max.	mW	1,000	
Operating Temperature		°C	0 to 70	
Storage Temperature		°C	-40 to 85	
Package Dimension		mm	Φ5.5 x (L)32	

1. SOP= state of polarization  
 2. Values referenced without connectors  
 Note: OEM products with different specifications are also available

## Ordering Information



This product information is subject to change without notice.



## Features / Benefits

- Wide operating wavelength range
- Low insertion loss
- High isolation
- Ultra low PDL
- Epoxy-free optical path

## Applications

- EDFAs
- Fiber optic instruments
- WDM and DWDM optical systems
- Transmitters and fiber lasers
- CATV fiber optic links