

# PMD Compensated Optical Isolator



## Features / Benefits

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

## Applications

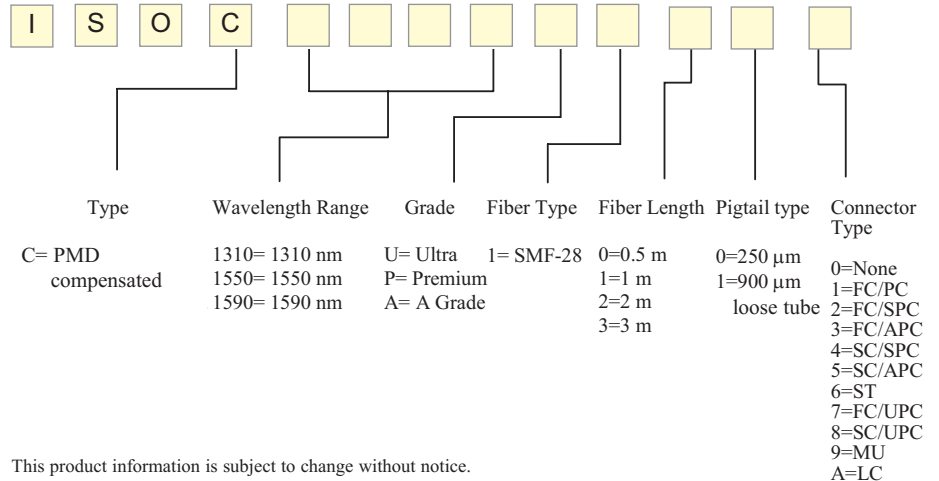
- EDFAs
- Fiber optic instruments
- WDM and DWDM optical systems
- Transmitters and fiber lasers
- CATV fiber optic links

## Specifications

Parameter	Unit	Ultra	Premium	A Grade
Center Wavelength $\lambda_c$	-	1310, 1550, 1590		
Peak Isolation	Min. dB	42	42	40
Isolation ( $\lambda_c \pm 15$ nm, 23°C, all SOP)	Min. dB	32	32	30
Isolation ( $\lambda_c \pm 15$ nm, 0 - 70°C, all SOP)	Min. dB	22	22	20
Insertion Loss ( $\lambda_c$ , 23°C)	Typ. dB	0.3	0.3	0.4
Insertion Loss ( $\lambda_c \pm 20$ nm, 0 - 70°C, All SOP)	Max. dB	0.5	0.5	0.6
Return Loss (input/output)	Min. dB	65/60	65/60	60/60
Polarization Dependent Loss	Max. dB	0.05	0.05	0.1
Polarization Mode Dispersion	Max. ps	0.02	0.05	0.05
Operating Temperature	°C	0 to 70		
Storage Temperature	°C	-40 to 85		
Power Handling	Max. mW	1000		
Mechanical Package	mm	$\Phi 5.5 \times 32$		

Note: Return loss without connector; insertion loss does not include connector

## Ordering Information



This product information is subject to change without notice.