

Mini Fiber Optical Isolator



Specifications

Parameter	Unit	Single Stage	Dual Stage
Center Wavelength λ_c	-	1310, 1550	
Peak Isolation	Min. dB	40	55
Isolation ($\lambda_c \pm 15\text{nm}$, 23°C, all SOP)	Min. dB	30	45
Isolation ($\lambda_c \pm 15\text{nm}$, 0 - 70°C, all SOP)	Min. dB	20	35
Insertion Loss (λ_c , 23°C)	Typ. dB	0.35	0.5
Insertion Loss ($\lambda_c \pm 20\text{nm}$, 0 - 70°C, All SOP)	Max. dB	0.55	0.7
Return Loss (input/output)	Min. dB	55 / 55	55 / 55
Polarization Dependent Loss (λ_c , 23°C)	Max. dB	0.07	0.07
Polarization Mode Dispersion	Max. ps	0.05	0.05
Operating Temperature	°C	0 to 70	
Storage Temperature	°C	-40 to 85	
Mechanical Package	mm	$\Phi 3.0 \times 23$	

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

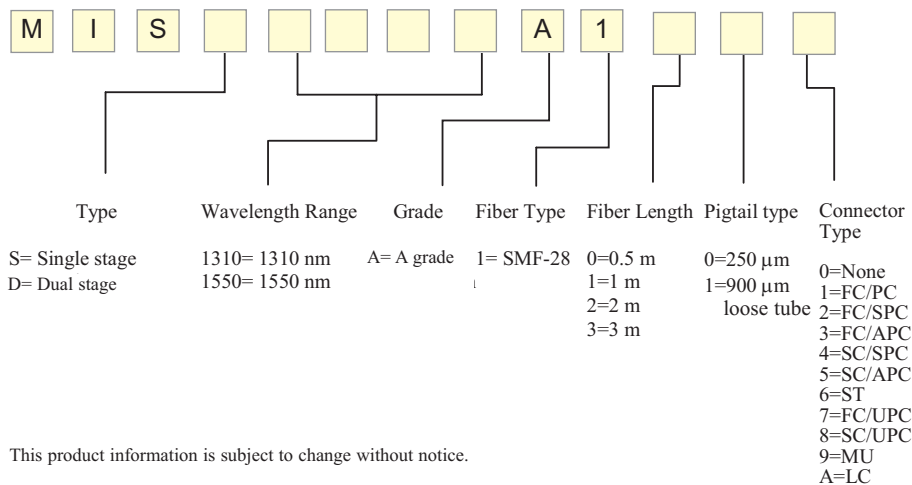
Features / Benefits

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

Applications

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

Ordering Information



This product information is subject to change without notice.