

## Mini Polarization Insensitive Isolator

### Features

High Isolation  
 Low Insertion Loss  
 High Return Loss  
 Low PDL  
 Mini Size

### Applications

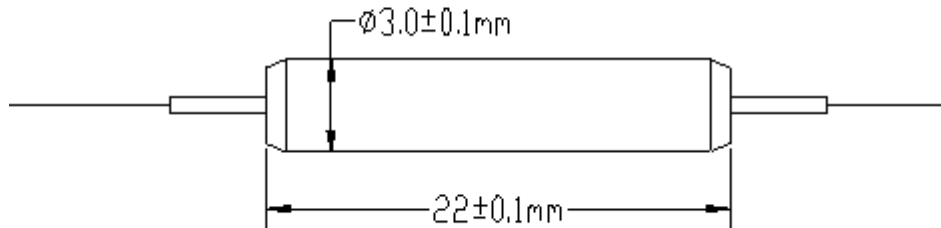
Fiberoptic Amplifiers  
 CATV Fiberoptic Links  
 Fiberoptic Systems Testing  
 Fiberoptic LAN Systems  
 Telecommunications

### Specifications

Parameter	Unit	Single Stage		Dual Stage	
		Grade P	Grade A	Grade P	Grade A
Center Wavelength	nm	1310, 1480 or 1550			
Operating Wavelength Range	nm	±20			
Peak Isolation	dB	40	38	52	50
Isolation ( $\lambda c \pm 20nm, 23^\circ C$ all sop)	Min dB	28	26	42	40
Insertion Loss ( $\lambda c \pm 20nm, 23^\circ C$ all sop)	Typ. dB	0.4	0.5	0.5	0.6
Insertion Loss ( $\lambda c \pm 20nm, 0-60^\circ C$ all sop)	Max dB	0.55	0.7	0.65	0.9
Return Loss (Input/Output)	Min dB	60/55	60/55	60/55	60/55
PDL	Max dB	0.05	0.10	0.10	0.15
PMD	Max ps	0.2*	0.25*	0.05	0.07
Max. Optical Power (CW)	mW	500			
Max. Tensile Load	N	5			
Fiber Type		SMF-28e Fiber			
Operation Temperature	°C	-5 to 70			
Storage Temperature	°C	-40 to 85			

\*PMD<0.05ps is available

### Imagine



### Ordering Information

MIS	Type	Wavelength	Grade	Pigtail	Fiber length	Connector
	S=single stage D=dual stage	10=1064nm 13=1310nm 14=1480nm 15=1550nm 16=1650nm 18=1585nm xx - others	A=Grade A P=Grade P	B=250um bare fiber L=900um	10=1.0m 15=1.5m 20=2.0m ..... 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=others